METEOROLOGICAL OBSERVATIONS

MADE AT

THE HONORABLE EAST INDIA COMPANY'S

OBSERVATORY

AT

MADRAS,

UNDER THE SUPERINTENDENCE OF

W. S. JACOB, ESQ., F.R.A.S.,

ASTRONOMER TO THE HONORABLE COMPANY

IN THE YEARS 1851–1855.

PRINTED BY ORDER OF

THE MADRAS GOVERNMENT.

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INTRODUCTION.

THE Observations contained in this volume, the third of the twenty year series of hourly registrations at Madras, are those made at the Observatory during the five years 1851 to 1855, by native assistants, under the direction of the Honorable Company's Astronomer W. S. Jacob Esq., F.R.A.S. Although taken in connection with the magnetical researches, carried on agreeably to the routine prescribed by the Royal Society's Committee of Physics in 1840, they have been published separately, as possessing an interest and importance of their own, independent of other investigations.

INSTRUMENTS.

The instruments employed were for the most part the same as throughout the former ten years of published hourly observations.

The Barometer, still in use, was Newman's Standard No. 42. The diameter of its tube is 0·514 inch; its thickness 0·125 inch, and the diameter of the cistern 2·64 inches: hence, when used with a fixed zero, the proper capacity correction is $\frac{1}{96}$th. It has always been used with a fixed zero or neutral point 29·900 inches and the capacity correction applied, instead of adjusting the end of the ivory cone to the surface of the mercury in the cistern. Agreeably to comparisons made in 1840, before the despatch of the instrument to Madras, it then read 0·005 inch higher than the Flint Glass Standard of the Royal Society, or 0·012 inch higher than the Crown Glass Standard. The reduced atmospheric pressures have however never been corrected for this difference, and considering the long time the instrument has been in use it does not now appear desirable to trust to this correction or to make any change in the results, until the arrival of a new standard, confirming or improving upon the old comparisons.

The Dry Bulb Thermometer employed was by J. Newman; a fair instrument of its kind, but reading much too high, and erroneously called a standard; a distinction no thermometer is entitled to unless capable of direct verification at the two natural zero points of freezing and boiling water. It was sent out in a mahogany case with a glass front, and appears to have been recorded thus encased up during the earlier years; and when the glass was removed, a small brass plate was substituted over the bulb end to protect it from injury. This was finally removed on 1853 February 18th. Such unnecessary and very objectionable coverings must of course have considerably diminished the apparent daily range, though the mean temperature would be almost identical. Its limited scale reached only to 109° Fahrenheit, beyond which it must have burst but for the assiduous care of the native observers in charge, who saved it from destruction by the application of a wet cloth during the hot afternoons of May and June whenever the temperature rose above 105°. Higher temperatures were always read off the maximum thermometer and thus only was the standard preserved from year to year in safety. The situation of the thermometer stand was also highly objectionable, being in a tiled brick verandah, subject to undue protection from either extreme, and therefore giving much too small a diurnal range; though the mean daily temperature was found to differ very slightly from that shewn by the more freely exposed standard thermometer since introduced.

The Wet Bulb Thermometer used during the years 1851 and 1852 was the same as throughout the preceding ten years; a small one with a brass scale, also by J. Newman; but whereas it was formerly used without any correction it was reduced up to the Old Standard in 1851 and 1852 by the application of a correction of + 0.°3. From 1873 January 1st, a new instrument, Kew No. 8, was substituted, and to this a correction of + 0.°2 was applied up to the end of the five years.

The Humidity of the Air and Tension of the Atmospheric Vapour were calculated by means of convenient manuscript tables, based upon those published by Lieut. Col. Boileau, Director of the Honorable East India Company's Magnetic Observatory at Simla,—the earlier octavo edition. The Tension numbers were Biot's and will therefore differ slightly from similar deductions based upon Regnault's more recent values.

The Direction and Force of the Wind were registered by Osler's Anemometer, but for many reasons the mean daily and monthly values must be received with much caution. It is my intention to give, in the fourth volume of this series, corrected values of the Mean Directions throughout; as besides frequent erroneous means, the constant rejection of days as variable, when the Mean Direction was simple and self-evident as could be, has rendered this, which from its continuity might have been the best portion of the returns, most decidedly the worst and very misleading, in the three volumes already published. The Force Tables are of little value, except for pointing out stormy days about the changing times of the monsoons.

The Rainfall returns are unquestionably reliable, but those for Evaporation are quite worthless; the Evaporator consisting of a copper dish, containing less than an inch and half of water, freely exposed to the sun, which of course heated the Evaporator during the day most unfairly; besides which it was too frequently used as a drinking trough by crows, and sometimes even by cattle, for want of better protection.

The Radiation Thermometers were not used during the year 1851, nor until October in 1852. The Sun Maximum was an ordinary thermometer, with its bulb rough blacked, and hung much too close to a teak-wood stand; thereby rendering it incomparable with subsequent registers of the very superior rough black bulbs in vacuo or the freely exposed bright black bulbs since employed.

The maximum and minimum results are probably good enough *inter se*, but owing to the unfavourable position of the thermometers, which, as before mentioned, were unduly shielded from each extreme of temperature, the daily range must have been very considerably underrated.

The general plan of reduction, though identical with that of similar hourly series of observations elsewhere published, is very different to what I should have adopted. The total omission of the readings of the barometer and thermometers on Sundays, when three observations were always made, and daily means might so well have been deduced by the help of the hourly variations upon other days; and the adoption of Gottingen instead of Madras mean time, thereby causing nine hours of each Saturday to be mixed up with fifteen hours of the following Monday as the mean of one day, are especially objectionable. In such publications, however, uniformity is every thing, and hence neither I nor my predecessors have presumed to introduce any changes upon the course pursued by Colonel S. O. E. Ludlow, the first Magnetical Director; nor do I intend to in the concluding fourth volume now in hand, except in the Direction of the Wind, of which, for reasons before named, fresh means throughout are really necessary.

In conclusion, I have much pleasure in testifying to the general care, honesty and accuracy of the native staff employed on this duty. The principal meteorological and magnetical assistant, R. Ramanjooloo Naidoo, was intelligent, dexterous and methodical in the extreme; and the whole twenty year series may be received with great reliance, thanks to his personal diligence and the ever watchful control he maintained over his subordinates. For accurate registration of the instruments, scrupulous arithmetic and press revision when figures only were concerned, I do not think a better staff of assistants could have been desired than the natives attached to the Magnetical Department of the Madras Observatory. Their explanatory notes are sometimes singularly worded as might be expected, and I regret to find that many such have escaped my notice and gone to press uncorrected.

MADRAS OBSERVATORY,
August 1st, 1874.

N. R. POGSON,
Government Astronomer.

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MADRAS, 1851.

METEOROLOGICAL OBSERVATIONS.

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BAROMETRIC PRESSURE.

Barometer at 32° = 29 English inches + the number in the Table.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	h. m. 4. 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. *	In.	In. *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
JANUARY 1851.																									
1	0·926	0·930	0·983	0·980	0·993	0·995	0·998	0·987	0·979	0·973	0·952	0·949	0·959	0·964	0·996	1·027	1·048	1·043	1·036	1·070	0·996	0·971	0·954	0·954	0·988
2	·982	·989	·988	1·005	1·023	1·026	1·016	1·012	·998	·983	·984	·960	·986	·979	1·008	·030	·053	·048	·040	·022	·994	·967	·948	·940	·998
3	·944	·981	·985	·013	·033	·045	·041	·033	1·029	1·009	·990	·982	·991	1·012	·041	·074	·102	·095	·080	·089	1·041	1·014	·994	·993	·982
4	1·010	1·023	1·037	·058	·088	·085	·078	·072	·084	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·087	1·007	·992	·987	0·995	·028	·037	·080	·087	·079	·083	·027	·005	·951	·983	1·037
6	0·993	·002	·017	·031	·048	·055	·041	·037	·026	·014	0·999	·998	1·005	1·014	·047	·073	·093	·091	·061	·067	·033	0·992	·970	·986	·029
7	·989	0·979	·009	·032	·052	·056	·054	·052	·038	·091	1·004	1·007	·020	·026	·042	·076	·100	·098	·096	·076	·043	1·000	·998	·997	·033
8	1·001	1·013	·030	·053	·088	·085	·081	·089	·089	·025	·007	0·994	0·999	·005	·029	·043	·073	·086	·078	·060	·029	0·992	·970	·987	·029
9	0·961	0·967	0·984	·005	·030	·038	·026	·008	·000	0·988	0·973	·984	·966	0·971	0·991	·031	·037	·060	·048	·026	0·992	·953	·938	·938	0·996
10	·933	·947	·984	0·987	·012	·017	·012	·003	0·991	·983	·972	·959	·958	·981	1·008	·032	·062	·067	·056	·026	·991	·989	·941	·932	·991
11	·947	·961	·978	1·005	·018	·033	·028	·019	1·000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·981	·949	·941	·943	·955	0·988	·019	·034	·030	·027	·009	·973	·942	·923	·920	·985
13	·981	·942	·982	0·988	·018	·027	·024	·020	·004	·993	·978	·973	·988	1·000	1·026	·062	·098	·098	·089	064	1·020	·970	·957	·947	1·006
14	·959	·989	·991	1·012	·031	·043	·041	·027	·010	·998	·983	·968	·983	0·979	·003	·036	·087	·070	·071	·050	·019	·983	·974	·988	·009
15	·981	·989	1·000	·028	·049	·054	·052	·047	·095	1·010	·992	·882	·983	·998	·029	·053	·088	·092	·087	·063	·031	·985	·969	·983	·023
16	·989	·978	0·992	·021	·049	·084	·053	·030	·083	·018	1·000	·993	·997	1·014	·088	·074	·100	·108	·097	·072	·038	1·005	·976	·974	·030
17	·980	·890	1·006	·021	·087	·051	·042	·029	·018	·008	0·995	·991	·997	·011	·049	·084	·118	·121	·117	·094	·088	·030	1·011	·998	·086
18	1·006	1·017	·027	·039	·080	·063	·083	·052	·038	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·008	·977	·988	·970	0·989	0·997	·020	·037	·035	·027	·015	0·998	0·974	0·953	·947	·011
20	0·957	0·969	0·990	·014	·032	·048	·088	·023	·018	·002	·983	·981	·989	·998	1·028	·047	·085	·087	·081	·066	1·042	1·011	·926	·995	·090
21	1·001	1·015	1·031	·028	·089	·075	·068	·081	·040	·099	1·015	1·003	1·001	1·015	·044	·072	·097	·112	·111	·095	·066	·044	1·033	1·030	·049
22	·036	·058	·079	·097	·108	·108	·099	·093	·077	·059	·038	·030	·082	·060	·072	·098	·114	·191	·117	·101	·067	·041	·023	·023	·073
23	·029	·048	·054	·079	·114	·119	·117	·107	·090	·074	·024	·044	·044	·086	·083	·107	·138	·143	·136	·115	084	·050	·031	·027	·081
24	·041	·054	·064	·085	·101	·111	·102	·099	·077	·081	·041	·035	·089	·052	·078	·111	·132	·134	·130	·107	·076	·037	·028	·021	·076
25	·030	·041	·068	·088	·107	·110	·101	·096	·081	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·087	·030	·028	·027	·047	·077	·098	·113	·111	·107	·088	·068	·083	·009	·001	·067
27	·007	·027	·040	·049	1·067	·078	·089	·067	·032	·045	·032	·020	·018	·028	·081	·093	·111	·104	·086	·059	·017	0·985	0·955	0·941	·042
28	0·964	0·973	0·978	·007	·080	·085	·039	·030	·004	0·999	0·976	0·968	0·966	0·979	·013	·045	·068	·065	·047	·013	0·986	·980	·947	·943	·001
29	·949	·987	·978	0·985	0·994	·001	0·999	0·993	0·982	·971	·986	·949	·952	·971	0·999	·022	·042	·043	·032	·007	·981	·949	·937	·937	0·983
30	·946	·980	·956	·972	·987	0·994	·993	·992	·972	·962	·946	·947	·956	·983	1·000	·081	045	·042	·038	·014	·983	·968	·949	·956	·988
31	·982	·978	·977	·981	1·004	1·010	1·009	·999	·999	·997	·991	·985	·990	1·013	·027	·053	·074	·060	·061	·030	·999	·973	·987	·989	1·008
Means.	·978	·990	·008	·025	·045	·032	·046	·039	·028	·011	·993	·988	·989	·004	·030	·059	·082	·034	·078	·055	·024	·993	·975	·971	1·021
FEBRUARY 1851.										*		*													
1	0·985	1·000	1·008	1·039	1·046	1·055	1·061	1.056	1·029	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	1·031	1·034	1·028	1·035	1·050	1·082	1·103	1·137	1·135	1·126	1·095	1·064	1·042	1·022	1·021	1·058
3	1·023	·082	·037	·046	·084	·071	·083	·040	·082	·028	·018	·015	·024	·037	·059	·087	·111	·109	·088	·081	·023	0·993	0·997	·002	·044
4	·011	·031	·043	·085	·085	·061	·027	·052	·087	·082	·027	·027	·039	·049	·065	·087	·098	·095	·078	·048	·018	·993	·985	0·991	·043
5	·001	·098	·038	·089	·075	·082	·048	·041	·020	·014	·002	·012	·030	·054	·081	·098	·117	·107	·081	·049	·009	·973	·970	·988	·038
6	0·977	0·992	·005	·017	·080	·028	·019	·002	0·985	0·969	0·954	0·955	0·974	0·986	·021	·047	·086	·084	·034	0·999	0·960	·921	·901	·902	0·992
7	·917	·938	0·944	0·968	0·984	0·999	0·976	0·953	·943	·938	·930	·928	·938	·981	0·977	·003	·028	·033	·020	·992	·952	·918	·893	·899	·959
8	·913	·925	·947	·968	·984	·993	·984	·979	·974	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·956	·939	·938	·948	·959	·984	·012	·030	·028	·013	·989	·949	·910	·890	·872	·962
10	·887	·891	·912	·927	·980	·963	·980	·945	·938	·919	·901	·897	·905	·918	·946	0·973	·001	·002	0·978	·949	·909	·882	·834	·818	·924
11	·818	·632	·849	·866	·879	·889	·832	·888	·878	·862	·849	·841	·845	·888	·694	·920	0·937	0·959	·929	·896	·887	·826	·808	·798	·869
12	·798	·809	·621	·889	·891	·904	·911	·902	·894	·888	·878	·880	·892	·990	·954	·980	1·010	1·026	1·015	·984	·950	·918	·899	·864	·911
13	·888	·900	·918	·944	·981	·981	·983	·878	·982	·949	·937	·999	·933	·944	·975	·929	·012	·095	·010	·985	·955	·928	·907	·908	·934
14	·899	·908	·918	·925	·949	·954	·980	·952	·982	·918	·902	·891	·893	·909	·926	·948	0·963	0·969	0·953	·924	·892	·881	·843	·837	·918
15	·835	·842	·847	·859	·880	·883	·891	·889	·879	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·898	·913	·903	·903	·912	·938	·950	·982	·998	·988	·985	·942	·918	·909	·895	·909
17	·908	·914	·928	·939	·972	·980	·982	·977	·968	·930	·938	·929	·938	·952	·972	·990	1·014	1·023	1·005	·976	·952	·920	·895	·893	·954
18	·897	·916	·940	·984	·984	·967	·984	·978	·984	·948	·928	·991	·927	·948	·984	·991	·011	·012	0·996	·969	·940	·906	·878	·872	·981
19	·870	·864	·907	·928	·941	·954	·960	·951	·934	·924	·918	·810	·917	·958	·960	·982	·002	·010	1·000	·978	·950	·928	·910	·912	·940
20	·919	·937	·958	·975	1·003	1·015	1·010	1·007	1·001	·987	·974	·968	·970	·992	1·018	1·053	·063	·072	·078	1·052	1·025	1·003	·979	·976	1·001
21	·984	1·001	1·022	1·051	·082	·072	·070	·027	·042	1·027	1·019	·995	·988	·893	·028	·049	·084	·087	·048	·022	·001	0·967	·986	·922	·020
22	·919	0·932	0·959	0·974	0·990	0·987	0·974	0·965	0·937	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	0·927	0·517	·906	·907	·920	0·942	0·974	0·994	·011	·008	0·970	0·951	·920	·899	·889	0·949
24	·897	·910	·929	·960	·971	·981	·980	·972	·938	·931	·924	·919	·928	·939	·964	·998	1·020	·082	·032	1·016	·990	·989	·949	·939	·961
25	·985	·945	·988	·989	1·011	1·003	1·015	1·006	·983	·967	·952	·938	·937	·965	·985	1·011	·028	·039	·032	·017	·962	·953	·929	·920	·980
26	·923	·938	·947	·970	0·979	0·984	0·982	0·975	·938	·988	·917	·908	·911	·997	·982	0·971	0·984	0·994	0·967	0·929	·908	.875	·852	·840	·938
27	·889	·858	·866	·691	·918	·925	·938	·924	·914	·900	·887	·862	·829	·917	·936	·968	·964	·934	·874	·945	·922	·888	·881	·853	·911
28	·858	·888	·888	·906	·925	·985	·942	·988	·925	·910	·898	·238	·882	·896	·927	·958	·981	·993	·988	·972	·948	·917	·926	·882	·921
Means.	·912	·922	·941	·981	·980	·987	·985	·978	·981	·950	·889	·934	·940	·858	·981	·006	·027	·031	·018	·990	·961	·929	·902	·903	0·963

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

BAROMETRIC PRESSURE.

Barometer at 32° = 29 English Inches + the number in the Table.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	h. m. 4. 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. *	In.	In. *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
MARCH 1851.																									
1	0·889	0·899	0·904	0·918	0·937	0·955	0·968	0·963	0·955	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·940	0·930	·928	0·934	0·953	0·983	1·008	1·030	1·045	1·035	1·011	0·981	0·940	0·922	0·917	0·957
3	·918	·927	·943	·960	·992	1·006	1·004	·989	·978	·960	·948	·943	·950	·978	·997	·018	·039	·057	·053	·020	·999	·965	·939	·929	·980
4	·932	·940	·953	.971	·989	·001	·001	·998	·985	·971	·962	·961	·973	·936	1·011	·028	·040	·045	·029	·020	·991	·971	·952	·942	·985
5	·945	·960	·971	·982	1·014	·023	·023	1·021	1·005	·983	·966	·959	·985	·974	0·992	·016	·031	·081	·024	0·996	·973	·955	·926	·914	·985
6	·920	·926	·945	·961	0·976	0·983	0·990	0·976	0·957	·945	·938	·930	·935	·954	·973	0·990	·023	·014	0·998	·976	·949	·929	·911	·910	·959
7	·918	·936	·953	·971	·992	1·008	1·008	1·006	·982	·963	·949	·938	·929	·945	·960	·981	·003	·004	·994	·983	·938	·911	·892	·898	·960
8	·914	·924	·937	·958	·980	0·998	·000	0·988	·978	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·945	·919	·913	·919	·938	·959	·977	0·996	·003	·992	·972	·946	·921	·897	·888	·952
10	·881	·897	·916	·982	·955	·973	0·961	·954	·944	·924	·910	·908	·918	·932	·951	·963	·981	0·979	·968	·941	·911	·875	·852	·847	·928
11	·857	·885	·872	·892	·922	·941	·945	·930	·917	·904	·896	·891	·898	·915	·932	·965	·986	·985	·985	·941	·909	·873	·848	·843	·912
12	·845	·853	·881	·881	·907	·922	·924	·914	·888	·878	·864	·861	·871	·885	·912	·932	·949	·953	·941	·911	·887	·880	·833	·824	·890
13	·827	·838	·849	·870	·901	·913	·913	·897	·881	·888	·857	·884	·884	·898	·925	·959	·978	·987	·982	·959	·933	·902	·879	·880	·901
14	·859	·387	·872	·885	·919	·934	·941	·928	·915	·899	·839	·894	·912	·921	·949	·979	·992	·990	·978	·953	·918	·886	·868	·848	·916
15	·856	·870	·877	·892	·908	·910	·912	·910	·898	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·863	·833	·884	·848	·868	·886	·911	·929	·941	·932	·911	·885	·852	·839	·827	·883
17	·832	·845	·859	·896	·912	·925	·930	·922	·902	·884	·872	·868	·377	·895	·929	·957	·975	·988	·986	·954	·930	·900	·879	·868	·907
18	·880	·891	·904	·919	·947	·989	·974	·968	·950	·929	·914	·902	·902	·918	·936	·955	·972	·971	·962	·936	·912	·885	·854	·848	·925
19	·851	·858	·863	·882	·900	·916	·920	·914	·892	·885	·883	·876	·882	·895	·918	·945	·961	·965	·948	·913	·879	·848	·816	·798	·892
20	·790	·786	·806	·824	·854	·859	·352	·852	·825	·312	·805	·807	·821	·848	·868	·888	·899	·895	·877	·849	·812	·778	·754	·748	·329
21	·746	·758	·768	·788	·808	·833	·838	·833	·809	·804	·804	·798	·805	·821	·853	·866	·879	·884	·887	·842	·818	·791	·760	·756	·814
22	·766	·781	·799	·826	·855	·880	·876	·861	·856	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·870	·889	·898	·915	·931	·958	·980	·999	·999	·991	·982	·940	·903	·877	·854	·894
24	·857	·869	·890	·909	·938	·957	·981	·954	·937	·923	·914	·910	·919	·933	·967	·991	1·004	1·010	·995	·968	·934	·909	·885	·873	·934
25	·870	·877	·898	·926	·951	·960	·957	·952	·936	·923	·915	·912	·921	·922	·937	·983	0·993	0·997	·983	·970	·952	·919	·894	·885	·934
26	·882	·896	·918	·938	·956	·979	·971	·963	·947	·925	·908	·911	·926	·934	·945	·984	·976	·970	·963	·932	·903	·889	·854	·833	·928
27	·837	·848	·875	·914	·936	·953	·955	·942	·916	·907	.904	·905	·919	·928	·947	·979	·988	·985	·969	·944	·915	·890	·881	·850	·919
28	·846	·858	·876	·901	·924	·940	·954	·936	·917	·904	·897	·889	·894	·909	·923	·949	·961	·948	.938	·909	·881	·850	·831	·817	·902
29	·824	·835	·853	·880	·903	·922	·941	·939	·921	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·882	·849	·851	·866	·885	·917	·947	·965	·964	·960	·944	·909	·888	·868	·354	899
31	·854	·898	·910	·935	·958	·978	·982	·968	·944	·925	·911	·912	·926	·942	·963	·988	1·008	1·010	1·001	·984	·957	·925	·907	·900	·945
Means.	·861	·873	·887	908	·932	·947	·950	·942	·924	·908	·897	·894	·904	·919	·942	·986	·983	·985	·974	·949	·922	·892	·869	·859	0·920
APRIL 1851.										*		*													
1	0·896	0·917	0·940	0·963	0·981	0·992	1·000	0·983	0·970	0·955	0·945	0·943	0·952	0·965	0·981	1·007	1·031	1·033	1·037	1·017	0·960	0·949	0·929	0·925	0 971
2	·919	·939	·951	·970	·997	1·007	·012	1·000	·930	·963	·951	·943	·948	·959	·984	·014	·025	·027	·014	0·994	·964	·937	·904	·887	·970
3	·886	·898	·915	·983	·952	0·960	0·962	0·951	·934	·918	·908	·904	·911	·926	·945	0·955	0·971	0·966	0·952	·923	·883	·842	·826	·806	·918
4	·799	·809	·833	·848	·888	·876	·885	·878	·845	·838	·833	·829	·836	·850	·870	·894	·899	·893	·878	·844	·813	·784	·761	·741	·842
5	·747	·758	·789	·804	·827	·837	·841	·839	·816	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·844	·878	·873	·880	·893	·920	·947	·985	·970	·984	·989	·911	·883	.851	·848	·868
7	·852	·859	·878	·901	·919	·924	·918	·907	·900	·885	·875	·881	·898	·918	·945	·973	·989	·987	·979	·951	·921	·888	·873	·870	·912
3	·884	·888	·899	·920	·948	·951	·954	·952	·920	·910	·908	·899	·904	926	·946	·966	·988	·972	·976	·958	·928	·888	·886	·855	·924
9	·853	·860	†·856	·887	·909	·911	·921	·911	·893	·878	·868	·884	·871	·890	·908	·925	·941	·948	·936	·915	·882	·842	·825	·799	·887
10	·794	·800	·824	·849	·882	·894	·903	·876	·859	·848	·839	·836	·844	·858	·879	·899	·917	·915	·896	·868	·836	·807	·780	·763	·852
11	·751	·761	·792	·812	·847	·855	·859	·850	·811	·798	·790	·734	·789	·819	·836	·854	·865	·858	·848	·828	·796	·755	·732	·712	·808
12	·715	·723	·747	·775	·818	·838	·839	·829	·822	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·841	·865	·865	·877	·902	·915	·945	·957	·955	·942	·924	·900	·861	·844	·835	·856
14	·831	·837	·870	·892	·917	·932	·929	·915	·907	·883	·864	·870	·888	·900	·925	·948	·962	·966	·953	·930	·899	·870	·844	·820	·898
15	·813	·812	·831	·859	·882	·896	·891	·879	·877	·883	·855	·855	·866	·889	·916	·939	·945	·946	·919	·902	·875	·848	·821	·813	·875
16	·797	·802	·815	·838	·859	·871	·884	·878	·870	·859	·853	·848	·854	·889	·901	·927	·988	·932	·902	·885	·839	·812	·792	·769	·858
17	·760	·782	·794	·812	·844	·855	·859	·835	·821	·814	·813	·808	·811	·830	·855	·888	·897	·895	·880	·871	·843	·817	·793	·772	·830
18	·767	773	·796	·826	·859	·882	·888	·880	·847	·840	·839	·842	·857	·888	·915	·939	·953	·953	·945	·927	·901	·874	·848	·830	·889
19	·826	·824	·844	·875	·890	·899	·870	·870	·861	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·868	·880	·834	·799	·810	·819	·823	·833	·827	·809	·791	·749	·720	·700	·691	·821
21	·694	·703	·724	·750	·777	·791	·798	·787	·764	·745	·732	·740	·759	·772	·792	·806	·815	·817	·796	·776	·748	·705	·679	·653	·755
22	·857	·669	·696	·719	·734	·748	·752	·743	·727	·711	·701	·697	·705	·713	·733	·789	·791	·792	·777	·749	·715	·888	·869	·652	·721
23	·652	·670	·700	·722	·741	·752	·744	·734	·725	·716	·713	·718	·735	·748	·767	·808	·806	·800	·778	·752	·722	·691	.668	·654	·730
24	·648	·665	·678	·706	·721	·742	·749	·741	·733	·717	·707	·706	·717	·738	·754	·778	·790	·774	·758	·782	·692	·659	·630	·815	·715
25	·608	·611	·636	·677	·691	·704	·704	·700	·703	·881	·664	·658	·664	·663	·879	·697	·705	·697	·681	·676	·657	·634	·614	·592	·686
26	·576	·591	·632	·655	·896	·890	·688	·882	·674	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·688	·707	·707	·719	·738	·766	·784	·810	·799	·780	·759	·737	·706	·687	·694	·707
28	·693	·704	·724	·750	·757	·782	·770	·764	·754	·736	·728	·715	·719	·734	·758	·783	·787	·784	·771	·743	·716	·891	·671	·659	·736
29	·644	·659	·672	·690	·703	·784	·740	·710	·694	·665	·642	·627	·824	·639	·660	·694	·701	·899	·693	.671	·649	·626	·610	·585	·688
30	·582	·591	·602	·624	·652	·671	·687	·663	·633	·615	·602	·596	·601	·606	·627	·654	·671	·872	·659	·645	·825	·609	·587	588	·628
Means.	·755	·766	·786	·810	·833	·845	·848	·836	·821	·811	·806	·802	·809	·825	·846	·869	·882	·830	·866	·845	·814	·784	·782	·747	0·819

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.   † 29·856 correct.

BAROMETRIC PRESSURE.

Barometer at 32° = 29 English inches + the number in the Table.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In. ‡	In.	In.	In.	In.	In. *	In.	In. *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
MAY 1851.																									
1	0·593	0·597	0·617	0·637	0·625	0·659	0·650	0·644	0·614	0·592	0·576	0·575	0·586	0·611	0·621	0·649	0·677	0·659	0·662	0·659	0·615	0·607	0·603	0·581	0·621
2	·595	·565	·580	·605	·605	·616	·613	·587	·577	·543	·514	·502	·502	·504	·520	·545	·554	·563	·558	·531	·508	·484	·462	·454	·545
3	·456	·474	·491	·499	·518	·524	·515	·507	·470	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·348	·231	·212	·205	·191	·231	·267	·300	·376	·398	·418	·439	·432	·433	·443	·391
5	·469	·503	·540	·578	·604	·625	·621	·617	·611	·604	·603	·616	·641	·664	·689	·714	·739	·748	·739	·730	·703	·682	·676	·672	·641
6	·679	·693	·726	·736	·767	·785	·803	·780	·765	·752	·745	·751	·769	·773	·814	·842	·846	·842	·830	·821	·793	·767	·750	·733	·773
7	·740	·750	·791	·811	·837	·857	·866	·852	·834	·821	·814	·814	·827	·841	·860	·881	·889	·887	·865	·852	·815	·783	·766	·749	·825
8	·751	·769	·798	·817	·848	·863	·864	·856	·846	·827	·813	·822	·843	·853	·869	·880	·891	·890	·876	·848	·812	·780	·755	·737	·830
9	·737	·755	·782	·806	·834	·842	·837	·828	·811	·786	·767	·769	·784	·800	·829	·849	·859	·856	·844	·813	·788	·764	·738	·728	·800
10	·729	·737	·762	·777	·801	·818	·820	·808	·780	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·736	·697	·701	·717	·731	·758	·783	·796	·787	·778	·745	·718	·690	·677	·668	·751
12	·668	·681	·712	·739	·765	·779	·773	·756	·735	·714	·699	·699	·711	·730	·758	·786	·801	·808	·794	·772	·746	·727	·708	·695	·740
13	·699	·719	·741	·768	·788	·817	·819	·806	·789	·771	·758	·755	·764	·779	·804	·823	·837	·824	·813	·791	·755	·731	·709	·690	·773
14	·692	·705	·729	·758	·781	·807	·806	·799	·781	·763	·751	·761	†·784	·733	·780	·799	·810	·814	·795	·769	·743	·717	·694	·679	·762
15	·679	·690	·718	·744	·765	·771	·776	·774	·757	·753	·754	·745	·748	·772	·792	·801	·806	·797	·791	·775	·751	·734	·717	·706	·755
16	·712	·724	·743	·762	·783	·801	·805	·798	·773	·758	·748	·742	·748	·745	·759	·786	·807	·815	·790	·774	·745	·731	·706	·690	·760
17	·689	·698	·709	·731	·750	·762	·760	·754	·730	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·724	·723	·720	·729	·744	·760	·785	·787	·786	·774	·751	·732	·699	·686	·682	·736
19	·684	·692	·703	·736	·763	·784	·802	·793	·782	·759	·743	·735	·739	·759	·780	·798	807	·805	·796	·779	·760	·739	·722	·717	·757
20	·701	·704	·723	·744	·781	·813	·835	·811	·795	·766	·742	·734	·738	·755	·780	·791	·791	·793	·781	·758	·739	·721	·700	·679	·757
21	·676	·686	·711	·740	·764	·783	·786	·776	·740	·724	·713	·705	·710	·728	·743	·756	·765	·770	·750	·735	·710	·680	·667	·650	·728
22	·648	·662	·683	·701	·721	·743	·746	·728	·706	·694	·688	·689	·702	·714	·738	·756	·771	·768	·753	·738	·710	·674	·642	·630	·709
23	·641	·659	·690	·715	·719	·725	·737	·719	·702	·691	·685	·671	·670	·673	·702	·721	·726	·756	·811	·800	·754	·745	·690	·665	·711
24	·670	·696	·723	·732	·740	·769	·766	·758	·751	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·719	·693	·696	·711	·728	·756	·777	·784	·797	·791	·774	·762	·740	·719	·697	·740
26	·697	·712	·731	·759	·791	·810	·814	·808	·793	·783	·779	·777	·788	·807	·838	·853	·862	·865	·859	·824	·805	·778	·762	·748	·793
27	·750	·760	·784	·798	·812	·827	·849	·846	·829	·820	·817	·813	·822	·835	·862	·872	·889	·885	·872	·837	·802	·778	·745	·740	·818
28	·735	·744	·754	·783	·806	·829	·831	·811	·785	·768	·756	·752	·761	·776	·794	·833	·842	·848	·831	·800	·772	·745	·722	·703	·783
29	·702	·716	·726	·747	·761	·766	·767	·750	·729	·713	·703	·699	·708	·720	·740	·760	·763	·756	·739	·709	·681	·663	·633	·624	·720
30	·623	630	·644	·663	·694	·710	·716	·706	·675	·663	·656	·648	·653	·676	·694	·713	·723	·730	·712	·683	·655	·622	·597	·580	·669
31																									
Means.	·670	·682	·704	·726	·747	·765	·768	·757	·737	·715	·699	·696	·706	·718	·741	·762	·774	·778	·769	·749	.724	·700	·680	·667	0·726
										*		*													
May 31	0·586	0·602	0·614	0·634	0·650	0·676	0·693	0·680	0·652	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JUNE 1851.																									
1	—	—	—	—	—	—	—	—	—	0·632	0·618	0·614	0·619	0·645	0·659	0·696	0·695	0·700	0·686	0·675	0·648	0·628	0·614	0·594	0·646
2	·589	·610	·626	·650	·665	·668	·660	·648	·634	·612	·596	·602	·617	·636	·655	·669	·685	·694	·686	·678	·660	·637	·614	·604	·641
3	·608	·619	·634	·666	·674	·675	·677	·664	·645	·638	·637	·638	·649	·666	·696	·722	·726	·720	·704	·687	·657	·630	·614	·601	·660
4	·605	·618	·638	·652	·677	·676	·670	·658	·643	·626	·615	613	·620	·632	·655	·674	·678	·678	·661	·647	·623	·603	·580	·572	·638
5	·602	·620	·648	·656	·673	·702	·708	·679	·657	·636	·621	·625	·639	·656	·674	.693	·702	·697	·690	·664	·638	·616	·589	·582	·653
6	·578	·597	·615	·680	·665	·679	·679	·678	·657	·649	·647	·643	·648	·671	·682	·693	·700	·693	·680	·658	·627	·592	574	·557	·645
7	·548	·568	·580	·613	·640	·660	·665	·657	·644	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·653	·667	·664	·670	·696	·720	·745	·743	·745	·734	.712	·675	·648	·615	·602	·661
9	·605	·619	·632	·671	·695	·706	·716	·702	·688	·665	·647	·642	·647	·653	·671	·690	·689	·682	·665	·637	·620	·583	·571	·560	·652
10	·569	·581	·589	·610	·623	·640	·649	·648	·640	·624	·614	·613	·621	·641	·669	·682	·691	·679	·659	·640	·622	·594	·562	·546	·625
11	·539	·551	·569	·599	·638	·654	·666	·660	·648	·641	·639	·642	·655	·676	·701	·720	·732	·739	·716	·702	·682	·649	·619	·599	·651
12	·596	.617	·631	·668	·705	·709	·707	·690	·670	·660	·655	·652	·659	·676	·701	·721	·732	·732	·726	·708	·680	·643	·619	·590	·673
13	·583	·600	·618	·644	·677	·693	·706	·702	·693	·681	·675	·674	·682	·697	·724	·748	·756	·753	·743	·728	·695	·657	·627	·616	·682
14	·614	·641	·653	·680	·713	·747	·743	·730	·723	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·736	·755	·752	·759	·772	·799	·818	·833	.834	·824	·808	·788	·764	·740	.729	·748
16	·725	·741	·750	·771	·805	·847	·868	·864	·844	·814	·790	·780	·780	·766	·823	·847	·851	·852	·852	·834	·812	·785	·752	·727	·804
17	·730	·756	·771	·791	·805	·857	·834	810	·785	·772	·765	·769	·782	·789	·800	·814	·831	·830	·814	·801	·782	·765	·738	·720	·788
18	·718	·732	·748	·771	·789	·803	·806	·795	·776	·765	·760	·762	·774	·790	·810	·829	·842	·840	·838	·826	·796	·765	·744	·723	·783
19	·715	·724	·736	·758	·773	·793	·803	·796	·779	·752	·751	·750	·759	·772	·805	·823	·830	·830	·813	·800	·781	·773	·745	·722	·775
20	·712	·729	·745	·764	·784	·788	·793	·776	·762	·738	·720	·722	·734	·742	·767	·782	·792	·791	·788	·782	·765	·742	·712	·692	·755
21	·697	·714	·750	·781	·787	·798	·825	·816	·800	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·789	·784	·776	·777	·786	·788	·791	·813	·803	·798	·779	·748	·728	·699	·679	·771
23	·667	·685	·694	·699	·709	·700	·705	·699	·683	·671	·664	·664	·674	·681	·706	·727	·733	·728	·714	·703	·680	·650	·626	·608	·687
24	.597	·607	·620	·642	·653	·668	·680	·671	·655	·649	·649	·657	·662	·675	·704	·733	·746	·740	·715	·694	·668	·653	·627	·607	·665
25	·604	·614	·637	·668	·697	·709	·725	·711	·699	·678	·662	·659	·666	·685	·708	·719	·731	·728	·708	·688	·670	·645	.631	·623	·678
26	·617	·641	·656	·680	·699	·712	·727	·717	·688	·671	·659	·661	·672	·677	·692	·707	·715	·715	·700	·685	.663	·638	·618	·608	·676
27	·604	·615	·632	·647	·677	·690	·712	·696	·669	·648	·633	·629	·635	·638	·650	·678	·699	·712	·710	·692	·664	·637	·619	·614	·658
28	·621	·634	·649	·668	·674	·686	·693	·680	·676	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·693	·715	·706	·707	·712	·733	·748	·752	·740	·725	·703	·693	·675	·649	·635	·690
30	·631	·644	·666	·695	·703	722	·742	·719	·707	·701	·700	·698	·705	·715	·731	·734	·736	·724	·709	·704	·690	·665	·641	·636	·697
Means.	·625	·641	·658	·681	·702	·718	·725	·713	·697	·685	·678	·677	·685	·699	·720	·738	·747	·745	·733	·717	·693	·668	·644	·629	0 692

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means. ‡ 625 correct. † 784 correct.

BAROMETRIC PRESSURE.

Barometer at 32° = 29 English Inches + the number in the Table.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. *	In.	In. *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
JULY 1851. 1	0·626	0·637	0·658	0·679	0·699	0·720	0·738	0·718	0·709	0·689	0·672	0·684	0·663	0·673	0·691	0·696	0·701	0·690	0·688	0·685	0·663	0·643	0·624	0·611	0·677
2	·608	·617	·035	·663	·672	·676	·680	·688	·601	·669	·651	·651	·657	·671	·681	·090	·691	·691	·679	·665	·646	·634	·010	·558	·638
3	·581	·587	·631	·640	·661	·084	·690	·672	·662	·645	·631	·023	·021	·641	·653	·674	·680	·676	·665	·642	·613	·586	·577	·576	·638
4	·606	·608	·027	·059	·678	·682	·697	·698	·665	·658	·655	·646	·643	·669	·702	·728	·700	·683	·673	·679	·667	·617	·641	·621	·664
5	·639	·657	·681	·697	·712	·724	·722	·716	·709	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·712	·718	·724	·737	·757	·782	·796	·807	·798	·798	·796	·775	·746	·721	·705	·735
7	·697	·707	·738	·749	·766	·773	·777	·772	·741	·719	·700	·699	·704	·712	·716	·731	·735	·715	·701	·684	·658	·635	·621	·614	·711
8	·609	·603	·613	·641	·659	·672	·675	·051	·632	·617	·605	·595	·591	·614	·046	·060	·668	·667	·653	·646	·637	·628	·599	·597	·632
9	·601	·615	·634	·657	·684	·696	·696	·691	·685	·666	·650	·650	·656	·667	·712	·742	·747	·748	·742	·742	·728	·712	·696	·676	·687
10	·673	·685	·699	·725	·743	·748	·761	·754	·742	·727	·716	·711	·712	·710	·731	·736	·738	·717	·723	·706	·691	·671	·647	·624	·714
11	·611	·629	·645	·664	·077	·705	·742	·734	·705	·682	·663	·663	·669	·689	·702	·714	·732	·730	·728	·711	·680	·662	·633	·613	·683
12	·594	·600	·017	·645	·683	·720	·737	·731	·721	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·085	·652	·655	·664	·671	·685	·093	·709	·708	·693	·670	·644	·619	·597	·577	·666
14	·584	·600	·617	·638	·673	·684	·689	·688	·679	·672	·669	·662	·662	·670	·076	·684	·700	·702	·691	·677	·664	·640	·616	·591	·660
15	·584	·600	·610	·658	·694	·710	·710	·706	·694	·677	·663	·656	·655	·662	·688	·704	·712	·712	·695	·677	·650	·650	·032	·616	·669
16	·600	·612	·628	·646	·652	·660	·666	·664	·648	·635	·626	·626	·632	·040	·662	·670	·683	·671	·656	·042	·623	·602	·575	·548	·630
17	·545	·572	·584	·602	·613	·639	·641	·634	·625	·602	·582	·573	·570	·595	·616	·634	·634	·037	·618	·604	·589	·573	·551	·530	·598
18	·510	·571	·595	·607	·626	·619	·650	·645	·640	·624	·611	·617	·630	·653	·686	·707	·729	·735	·725	·709	·693	·670	·660	·651	·650
19	·651	·669	·093	·723	·748	·763	·773	·787	·777	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·790	·807	·797	·793	·811	·824	·855	·860	·868	·875	·841	·812	·781	·758	·711	·784
21	·745	·732	·762	·782	·804	·815	·811	·806	·789	·781	·776	·769	·769	·776	·802	·814	·814	·816	·812	·801	·775	·749	·721	·701	·781
22	·700	·723	·745	·762	·781	·790	·803	·796	·777	·706	·759	·749	·745	·757	·782	·803	·827	·832	·817	·804	·775	·746	·725	·715	·770
23	·717	·724	·737	·755	·779	·787	·789	·785	·770	·744	·722	·722	·729	·748	·768	·784	·804	·806	·793	·766	·747	·723	·704	·692	·754
24	·696	·713	·733	·755	·770	·780	·788	·766	·743	·731	·723	·717	·717	·725	·733	·759	·772	·779	·767	·750	·727	·711	·686	·663	·738
25	·661	·701	·701	·720	·741	·750	·753	·754	·728	·716	·708	·708	·714	·724	·754	·763	·779	·773	·749	·732	·700	·674	·654	·632	·721
26	·617	·625	·646	·684	·725	†721	·736	·746	·734	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·712	·693	·688	·690	·703	·727	·733	·739	·740	·733	·711	·098	·664	·641	·612	·697
28	·602	·620	·634	·671	·602	·726	·728	·723	·705	·693	·684	·686	·695	·701	·709	·726	·731	·735	·710	·695	·665	·628	·590	·577	·680
29	·570	·589	·507	·636	·669	·721	·705	·701	·686	·074	·666	·633	·647	·661	·687	·706	·715	·716	·698	·672	·650	·637	·617	·590	·661
30	·579	·595	·605	·637	·690	·695	·083	·668	·652	·647	·646	·645	·651	·658	·676	·600	·705	·710	·713	·695	·669	·647	·630	·611	·658
31	·603	·611	·618	·647	·686	·695	·699	·697	·691	·676	·064	·658	·658	·671	·691	·700	·712	·711	·705	·688	·673	·640	·631	·622	·669
Means.	·623	·638	·650	·680	·703	·718	·724	·718	·704	·089	·678	·074	·677	·691	·711	·726	·736	·733	·722	·707	·686	·664	·643	·626	0·689
										*		*													
AUGUST 1851. 1	0·619	0·626	0·644	0·661	0·681	0·705	0·726	0·723	0·718	0·701	0·688	0·688	0·694	0·707	0·726	0·745	0·756	0·760	0·756	0·734	0·713	0·687	0·667	0·652	0·690
2	·645	·651	·670	·696	·720	·743	·741	·734	·731	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·718	·709	·713	·723	·731	·751	·760	·772	·773	·758	·745	·729	·713	·087	·666	·720
4	·667	·081	·698	·721	·740	·775	·783	·777	·767	·745	·727	·723	·724	·752	·760	·790	·806	·808	·704	·766	·743	·710	·085	·667	·742
5	·669	·684	·699	·724	·754	·771	·759	·759	·730	·739	·732	·734	·741	·702	·790	·806	·822	·823	·807	·789	·760	·734	·706	·680	·750
6	·673	·695	·715	·737	·760	·788	·794	·781	·769	·757	·748	·755	·767	·777	·798	·829	·830	·848	·830	·805	·770	·747	·710	·711	·767
7	·717	·741	·748	·785	·804	·823	·828	·818	·807	·790	·777	·790	·809	·799	·811	·838	·848	·850	·843	·825	·800	·770	·744	·727	·795
8	·733	·738	·744	762	·780	·794	·803	·792	·783	·706	·752	·754	·761	·777	·799	·824	·836	·834	·831	·804	·777	·743	·721	·717	·776
9	·721	·735	·754	·780	·794	·817	·807	·803	·790	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·773	·759	·765	·777	·782	·798	·814	·832	·830	·813	·800	·768	·735	·718	·705	·778
11	·708	·713	·731	·752	·783	·801	·800	·778	·762	·761	·703	·708	·778	·814	·824	·834	·809	·703	·784	·774	·759	·735	·712	·691	·768
12	·684	·690	·697	·713	·744	·758	·761	·744	·723	·716	·712	·724	·741	·774	·813	·819	·798	·785	·757	·736	·721	·705	·688	·659	·736
13	·652	·665	·086	·716	·732	·740	·742	·741	·732	·722	·716	·705	·699	·714	·740	·753	·760	·756	·752	·710	·721	·696	·679	·654	·717
14	·652	·672	·700	·731	·739	·766	·777	·766	·763	·750	·741	·736	·737	·748	·753	·771	·783	·779	·777	·763	·738	·710	·688	·676	·738
15	·677	·693	·725	·738	·752	·757	·767	·760	·747	·738	·733	·729	·730	·744	·759	·780	·784	·782	·762	·750	·726	·707	·688	·679	·738
16	·686	·693	·710	·734	·757	·763	·788	·785	·776	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·764	·755	·750	·751	·759	·768	·784	·792	·790	·782	·769	·742	·712	·700	·684	·750
18	·674	·084	·705	·727	·738	·782	·793	·782	·764	·748	·736	·728	·725	·739	·734	·768	·776	·777	·770	·766	·743	·717	·687	§695	·742
19	·079	·700	·710	·739	·777	·803	·801	·789	·770	·747	·727	·777	·713	·726	·736	·737	·769	·763	·758	·751	·738	·707	·677	·668	·738
20	·665	·676	·712	·735	·751	·762	·759	·750	·718	·705	·696	·098	·705	·713	·736	·760	·766	·701	·748	·743	·716	·695	·672	·663	·721
21	·663	·683	·714	·728	·707	·772	·775	·762	·746	·728	·713	·712	·717	·725	·744	·763	·771	·776	·766	·751	·724	·701	·686	·676	·732
22	·668	·696	·722	·761	·771	·782	·773	·765	·755	·742	·732	·718	·710	·716	·736	·766	·780	·788	·772	·749	·718	·692	·677	·658	·735
23	·660	·668	·686	·708	·732	·761	·731	·738	·726	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·716	·709	·712	·721	·725	·730	·751	·761	·765	·759	·750	·727	·705	·694	·687	·723
25	·673	·679	·702	·717	‡782	·808	·802	·787	·756	·736	·719	·712	·711	·733	·767	·789	·806	·803	·793	·776	·751	·722	·699	·678	·746
26	·669	·689	·710	·734	·768	·803	·810	·784	·776	·761	·750	·751	·752	·760	·776	·784	·804	·798	·782	·756	·720	·699	·683	·662	·750
27	·656	·673	·686	·702	·749	·752	·759	·754	·746	·736	·729	·720	·717	·728	·754	·770	·770	·779	·769	·742	·709	·684	·668	·651	·725
28	·054	·660	·672	·692	·701	·716	·727	·706	·690	·679	·672	·673	·680	·097	·711	·731	·750	·749	·738	·722	·694	·676	·655	·633	·695
29	·615	·621	·613	·642	·074	·684	·684	·683	·676	·649	·025	·636	·052	·669	·677	·704	·722	·726	·723	·720	·695	·666	·646	·641	·669
30	·639	·652	·078	·688	·697	·731	·735	·715	·701	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	·717	·736	·740	·749	·761	·776	·807	·805	·798	·792	·765	·733	·702	·681	·664	·728
Means.	·670	·683	·701	·724	·749	·768	·771	·761	·748	·735	·725	·725	·730	·744	·761	·781	·789	·788	·778	·761	·736	·710	·689	·675	0·738

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means. † 0·721 Correct. ‡ 0·782 Correct. § 0·695 Correct.

BAROMETRIC PRESSURE.

Barometer at 32° = 29 English Inches + the Number in the Table.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. *	In.	In. *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
SEPTEMBER 1851.																									
1	0·665	0·683	0·697	0·719	0·748	0·771	0·770	0·763	0·754	0·744	0·740	0·711	0·754	0·766	0·811	0·826	0·833	0·810	0·808	0·798	0·770	0·712	0·717	0·705	0·756
2	·698	·716	·725	·738	·761	·785	·789	·796	·769	·760	·758	·753	·762	·775	·801	·633	·843	·849	·838	·806	·777	·740	·717	·694	·770
3	·691	·703	·716	·734	·757	·780	·789	·783	·760	·745	·738	·734	·744	·740	·776	·792	·802	·798	·778	·754	·727	·692	·674	·660	·745
4	·668	·688	·703	·737	·750	·767	·780	·761	·754	·737	·726	·726	·741	·755	·777	·805	·610	·803	·793	·776	·749	·727	·701	·697	·747
5	·707	·734	·753	·776	·802	·815	·810	·507	·800	·788	·781	·781	·793	·808	·828	·619	·863	·868	·857	·834	·801	·767	·746	·738	·796
6	·739	·758	·777	·802	·833	·641	·837	·816	·785	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·744	·709	·706	·713	·727	·748	·769	·774	·773	·734	·729	·693	·657	·632	·615	·747
8	·818	·635	·664	·689	·709	·723	·744	·721	·699	·683	·675	·678	·695	·707	·725	·730	·761	·769	·758	·725	·687	·646	·621	·610	·695
9	·610	·627	·640	·673	·691	·703	·704	·690	·666	·687	·653	·652	·665	·677	·706	·730	·734	·740	·705	·674	·640	·614	·599	·591	·669
10	·590	·610	·823	·640	·654	·690	·686	·879	·665	·857	·684	·657	·671	·682	·703	·723	·746	·747	·741	·719	·893	·609	·643	·634	·674
11	·647	·650	·676	·694	·723	·741	·747	·736	·721	·706	·697	·708	·730	·738	·756	·776	·795	·803	·787	·766	·739	·708	·692	·690	·726
12	·692	·714	·734	·751	·779	·792	·779	·774	·768	·763	·766	·773	·791	·805	·832	·847	·858	·858	·850	·811	·789	·764	·730	·732	·781
13	·740	·730	·766	·765	·807	·816	·619	·726	·813	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·808	·807	·795	·793	·818	·845	·863	·876	·880	·867	·842	·811	·778	·759	·748	·809
15	·753	·769	·791	·807	·835	·649	·851	·743	·834	·818	·808	·809	·822	·636	·846	·660	·861	·861	·850	·622	·792	·772	·745	·744	·616
16	·745	·761	·798	·826	·856	·863	·875	·873	·668	·854	·545	·828	·823	·833	·840	·863	·875	·878	·868	·649	·815	·787	·767	·747	·630
17	·743	·793	·804	·853	·861	·863	·864	·857	·852	·827	·808	·805	·814	·835	·651	·666	·884	·684	·866	·847	·822	·789	·776	·751	·830
18	·700	·774	·603	·638	·886	·874	·667	·854	·842	·628	·820	·818	·824	·853	·881	·901	·903	·907	·695	·859	·830	·797	·771	·766	·839
19	·770	·795	·818	·838	·863	·878	·839	·851	·853	·808	·789	·797	·798	·812	·833	·671	·893	·894	·679	·655	·831	·809	·792	·788	·831
20	·788	·603	·831	·859	·870	·885	·874	·862	·841	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·836	·837	·528	·830	·847	·868	·893	·906	·892	·884	·654	·823	·800	·788	·783	·645
22	·757	·802	·625	·841	·859	·870	·864	·849	·814	·800	·791	·790	·801	·809	·835	·885	·860	·851	·631	·809	·771	·743	·728	·717	·613
23	·727	·745	·765	·784	·806	·623	·819	·799	·776	·759	·746	·745	·754	·764	·787	·821	·838	·633	·808	·798	·766	·738	·713	·700	·776
24	·708	·730	·759	·789	·817	·826	·810	·806	·798	·774	·755	·782	·760	·777	·614	·838	·851	·847	·834	·804	·779	·754	·738	·732	·785
25	·744	·764	·790	·822	·833	·818	·860	·846	·818	·799	·786	·784	·794	·820	·870	·908	·910	·910	·894	·860	·829	·612	·799	·786	·829
26	·767	·796	·817	·532	·872	·677	·860	·844	·832	·801	·788	·777	·781	·791	·620	·845	·857	·858	·635	·810	·774	·755	·714	·710	·809
27	·718	·730	·753	·780	·804	·810	·803	·787	·774	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·757	·745	·734	·734	·754	·760	·781	·784	·783	·765	·736	·709	·689	·680	·866	·751
29	·693	·700	·727	·757	·765	·783	·802	·798	·793	·774	·761	·754	·759	·766	·772	·785	·807	·803	·793	·775	·747	·717	·694	·076	·758
30	·678	·697	·706	·740	·773	·775	·762	·745	·739	·721	·709	·702	·706	·730	·763	·773	·780	·789	·778	·749	·715	·688	·668	·651	·731
Means.	·710	·728	·749	·773	·795	·809	·809	·799	·783	·767	·757	·754	·764	·778	·602	·823	·834	·834	·820	·795	·765	·736	·716	·705	0·775
OCTOBER 1851.																									
1	0·662	0·684	0·695	0·722	0·743	0·733	0·758	0·754	0·737	0·714	0·698	0·715	0·718	0·751	0·742	0·731	0·761	0·766	0·747	0·721	0·685	0·663	0·649	0·652	0·720
2	·667	·694	·724	·752	·771	·777	·786	·781	·768	·757	·754	·737	·730	·736	·751	·767	·782	·792	·777	·750	·727	·696	·079	·677	·745
3	·688	·704	·738	·752	·779	·765	·775	·754	·752	·740	·735	·729	·723	·732	·762	·781	·784	·777	·758	·734	·698	·880	·677	·075	·739
4	·683	·702	·727	·748	·779	·784	·783	·767	·746	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·725	·711	·710	·719	·746	·778	·785	·798	·805	·793	·776	·754	·724	·684	·656	·745
6	·669	·694	·722	·771	·798	·821	·803	·795	·704	·775	·764	·755	·756	·760	·797	·826	·844	·854	·826	·795	·758	·732	·703	·696	·771
7	·700	·728	·752	·788	·850	·835	·826	·800	·783	·762	·748	·747	·756	·781	·794	·815	·847	·848	·828	·813	·779	·738	·703	·699	·779
8	·709	·746	·758	·791	·820	·825	·822	·812	·796	·777	·766	·763	·769	·775	·620	·841	·850	·843	·827	·794	·784	·736	·710	·707	·784
9	·717	·740	·755	·790	·818	·820	·814	·804	·754	·780	·784	·781	·787	·802	·837	·836	·873	·877	·857	·829	·803	·793	·769	·767	·802
10	·771	·783	·797	·813	·842	·860	·862	·864	·851	·835	·826	·534	·852	·864	·892	·911	·923	·931	·917	·694	·872	·845	·829	·824	·854
11	·816	·835	·859	·882	·911	·922	·910	·895	·884	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·828	·779	·764	·758	·776	·809	·819	·823	·832	·816	·790	·759	·724	·703	·698	·816
13	·695	·717	·739	·762	·779	·776	·770	·756	·739	·723	·715	·712	·718	·745	·764	·784	·795	·797	·771	·744	·720	·699	·681	·679	·741
14	·693	·700	·727	·744	·777	·783	·789	·780	·762	·754	·754	·758	·772	·788	·811	·840	·856	·859	·639	·512	·788	·767	·749	·781	·777
15	·764	·793	·815	·849	·873	·900	·908	·904	·880	·865	·855	·857	·866	·879	·900	·926	·946	·945	·919	·895	·870	·853	·835	·845	·873
16	·847	·868	·899	·909	·925	·925	·923	·912	·893	·884	·882	·883	·894	·899	·918	·938	·950	·944	·929	·899	·870	·845	·830	·824	·695
17	·831	·553	·865	·880	·894	·908	·899	·884	·869	·856	·851	·852	·663	·686	·903	·915	·932	·934	·905	·871	·848	·817	·805	·797	·872
18	·805	·833	·853	·865	·894	·894	·894	·883	·862	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·819	·843	·836	·839	·849	·869	·888	·898	·893	·870	·858	·808	·778	·759	·769	·849
20	·777	·802	·820	·841	·860	·864	·856	·843	·618	·794	·778	·777	·785	·793	·818	·839	·851	·858	·840	·811	·779	·792	·742	·733	·810
21	·738	·764	·791	·806	·831	·831	·832	·819	·801	·791	·788	·794	·809	·814	·842	·873	·912	·914	·880	·845	·808	·769	·753	·752	·818
22	·760	·780	·810	·841	·856	·861	·859	·847	·535	·825	·622	·819	·826	·855	·868	·895	·914	·906	·878	·849	·815	·788	·756	·771	·834
23	·788	·803	·812	·834	·858	·868	·866	·857	·839	·817	·803	·805	·817	·842	·863	·880	·907	·904	·878	·843	·810	·776	·758	·765	·833
24	·775	·794	·811	·840	·859	·861	·865	·857	·840	·834	·835	·842	·858	·877	·893	·911	·926	·927	·909	·884	·857	·827	·809	·810	·854
25	·822	·886	·883	·875	·895	·908	·907	·904	·899	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·908	·924	·924	·933	·963	·977	1·003	1·018	1·023	1·010	·993	·970	·955	·938	·940	·933
27	·947	·969	·994	1·014	1·023	1·027	1·026	1·018	·998	·982	·973	·970	·977	·999	1·022	·041	·050	·038	·019	1·004	·976	·948	·923	·913	·994
28	·913	·940	·986	0·991	·003	·006	0·999	0·997	0·976	·962	·955	·948	·916	·968	0·987	·006	·019	·013	0·999	0·973	·949	·927	·910	·908	·969
29	·917	·935	·952	·974	0·987	0·990	·969	·949	·933	·921	·910	·920	·933	·949	·967	0·989	·004	·012	·996	·968	·936	·911	·898	·892	·950
30	·904	·921	·948	·967	·990	·985	·970	·957	·946	·926	·914	·908	·912	·938	·956	·977	0·990	0·994	·979	·963	·940	·915	·903	·905	·946
31	·916	·929	·946	·967	·974	·978	·972	·959	·929	·910	·899	·889	·889	·912	·936	·959	·984	·961	·953	·925	·888	·857	·841	·849	·923
Means.	·777	·799	·819	·844	·866	·872	·868	·857	·841	·826	·818	·816	·824	·840	·882	·882	·897	·898	·878	·852	·824	·797	·778	·776	0·836

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

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BAROMETRIC PRESSURE.

Barometer at 32° = 29 English Inches + the number in the Table.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	h. m. 4. 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. *	In.	In. *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
NOVEMBER 1831.																									
1	0·859	0·873	0·890	0·918	0·925	0·924	0·916	0·898	0·884	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·843	0·813	0·800	0·799	0·807	0·837	0·857	0·867	0·863	0·849	0·815	0·796	0·774	0·754	0·747	0·846
3	·748	·761	·781	·817	·820	·807	·797	·772	·743	·721	·703	·699	·707	·722	·734	·745	·760	·762	·758	·728	·707	·693	·689	·682	·744
4	·703	·719	·743	·765	·775	·783	·764	·741	·721	·718	·719	·708	·708	·722	·741	·770	·797	·802	·788	·764	·751	·724	·718	·730	·745
5	·746	·757	·796	·792	·816	·814	·788	·784	·773	·768	·767	·756	·757	·765	·783	·805	·823	·819	·791	·761	·726	·706	·696	·700	·769
6	·712	†709	·718	·726	·738	·744	·719	·688	·663	·660	·662	·654	·657	·684	·699	·713	·726	·735	·716	·689	·671	·660	·650	·656	·694
7	·673	·689	·714	·741	·764	·768	·774	·756	·737	·725	·717	·714	·722	·737	·758	·771	·790	·787	·767	·743	·721	·699	·692	·702	·736
8	·707	·720	·750	·767	·790	·795	·792	·787	·774	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·805	·841	·839	·849	·869	·884	·911	·921	·927	·915	·896	·873	·845	·837	·834	·839
10	·848	·852	·866	·897	·909	·912	·914	·912	·888	·873	·863	·861	·870	·883	·908	·921	·949	·947	·932	·914	·895	·875	·862	·858	·892
11	·863	·868	·888	·914	·928	·928	·925	·906	·889	·872	·860	·855	·862	·872	·891	·913	·932	·936	·925	·907	·882	·854	·842	·845	·890
12	·858	·868	·887	·915	·939	·930	·922	·910	·894	·879	·868	·859	·862	·874	·895	·921	·937	·946	·932	·902	·885	·852	·844	·843	·893
13	·851	·859	·876	·903	·926	·933	·916	·912	·894	·880	·871	·868	·876	·893	·915	·928	·947	·945	·917	·882	·859	·840	·829	·832	·890
14	·857	·877	·894	·925	·923	·911	·879	·864	·837	·815	·797	·789	·793	·801	·819	·838	·846	·840	·829	·793	·760	·740	·735	·726	·829
15	·732	·742	·743	·787	·779	·778	·768	·750	·729	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·724	·724	·717	·721	·742	·763	·789	·819	·821	·794	·764	·741	·712	·707	·712	·752
17	·724	·747	·769	·794	·819	·825	·826	·809	·801	·790	·784	·785	·798	·823	·855	·879	·894	·898	·884	·851	·825	·811	·799	·786	·816
18	·798	·822	·856	·877	·904	·918	·910	·898	·887	·868	·854	·852	·862	·890	·907	·926	·969	·967	·975	‡910	·893	·872	·862	·859	·839
19	·857	·865	·885	·912	·934	·935	·928	·924	·895	·890	·889	·885	·892	·908	·934	·963	·982	·983	·969	·943	·914	·888	·879	·873	·914
20	·880	·889	·910	·928	·953	·967	·960	·941	·927	·920	·918	·914	·921	·939	·959	·986	1·009	1·017	·995	·967	·942	·913	·898	·894	·939
21	·894	·905	·933	·952	·980	·980	·974	·962	·941	·927	·918	·917	·927	·935	·963	·980	0·998	0·998	·978	·956	·923	·892	·880	·872	·941
22	·880	·891	·913	·939	·957	·963	·952	·935	·923	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·898	·873	·880	·894	·904	·921	·949	·966	·968	·952	·923	·888	·856	·836	·831	·912
24	·844	·854	·877	·902	·920	·925	·919	·916	·890	·877	·868	·867	·878	·898	·920	·947	·961	·962	·952	·923	·903	·878	·862	·862	·900
25	·876	·893	·913	·933	·953	·967	·961	·949	·930	·920	·914	·912	·922	·931	·952	·968	·975	·979	·967	·949	·924	·912	·908	·902	·934
26	·915	·924	·933	·959	·967	·975	·971	·962	·958	·947	·941	·941	·952	·961	·976	·996	1·013	1·010	·988	·964	·944	·913	·899	·892	·954
27	·901	·911	·930	·955	·972	·967	·960	·952	·936	·930	·928	·928	·939	·948	·962	·979	0·991	0·994	·991	·970	·942	·915	·900	·898	·946
28	·908	·926	·951	·965	·970	·979	·968	·960	·951	·931	·916	·914	·924	·931	·954	·984	1·001	1·002	·987	·966	·940	·918	·900	·890	·947
29	·905	·901	·909	·952	·973	·984	·976	·960	·935	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·916	·901	·893	·906	·924	·938	·969	0·994	·002	·988	·955	·926	·908	·894	·894	·938
Means.	·822	·833	·852	·878	·894	·896	·887	·874	·856	·844	·837	·832	·840	·855	·875	·896	·915	·916	·902	·873	·849	·826	·815	·813	0·862
										*		*													
DECEMBER 1831.																									
1	0·898	0·908	0·936	0·962	0·978	0·980	0·974	0·952	0·939	0·920	0·904	0·901	0·910	0·925	0·946	0·979	0·997	0·998	0·985	0·955	0·917	0·895	0·883	0·880	0·939
2	892	·913	·931	·951	·970	·973	·969	·963	·950	·933	·918	·918	·930	·960	·972	1·002	1·013	1·013	·998	·973	·950	·932	·920	·914	·952
3	·922	·944	·963	·979	1·000	1.000	·991	·976	·964	·947	·933	·930	·939	·964	·992	·025	·047	·048	1·038	1·012	·979	·953	·941	·939	·976
4	·949	·964	·977	1·004	·017	·017	1·015	1·001	·978	·957	·939	·937	·947	·963	·998	·023	·040	·050	·037	·010	·985	·963	·953	·955	·987
5	·967	·975	·992	·011	·031	·034	·024	·014	·997	·981	·968	·964	·972	·991	1·013	·043	·064	·068	·064	·040	1·017	·989	·974	·972	1·007
6	·980	1·009	1·036	·064	·082	·084	·069	·063	1·041	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	1·002	·966	·964	·974	·980	0·997	·030	·039	·040	·031	·003	0·970	·945	·926	·928	·009
8	·938	0·949	0·965	0·987	·008	·009	0·995	0·969	0·960	·947	·936	·932	·940	·949	·973	·001	·024	·025	·010	0·983	·958	·934	·922	·918	0·968
9	·929	·945	·967	·983	·008	·012	1·004	·994	·978	·959	·943	·945	·958	·972	1·004	·038	·067	·074	·062	1·048	1·022	·998	·988	·993	·995
10	1·006	1·020	1·032	1·056	·068	·073	·063	1·051	1·032	1·011	·993	·995	1·009	1·026	·062	·092	0·118	0·121	0·107	·086	·052	1·030	1·007	1·004	·921
11	·012	·026	·038	·070	·091	·085	·082	·070	·048	·030	1·015	1·011	·019	·037	·053	·085	·098	·099	·088	·065	·031	·012	0·997	0·988	1·048
12	·004	·020	·038	·061	·077	·071	·066	·056	·046	·029	·014	·012	·022	·035	·056	·070	·077	·076	·063	·036	·014	0·998	·980	·974	·037
13	0·992	·009	·025	·041	·075	·077	·075	·064	·032	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	0·988	0·947	0·914	0·953	0·970	0·983	·014	·038	·038	·025	·000	0·970	·927	·912	·916	·001
15	·922	0·955	0·968	0·985	·000	·012	·003	·000	0·973	·952	·935	·935	·947	·962	·979	·009	·027	·027	·015	0·989	·955	·936	·918	·917	0·972
16	·930	·948	·974	·998	·015	·021	·015	·009	·987	·964	·944	·945	·957	·978	·994	·026	·039	·041	·030	1·005	·974	·945	·933	·926	·983
17	·942	·961	·984	1·009	·028	·033	·031	·025	1·006	·990	·977	·972	·979	·986	1·007	·036	·054	·053	·041	·011	·979	·954	·933	·929	·997
18	·939	·950	·974	·001	·021	·023	·017	·006	0·981	·967	·955	·950	·957	·968	0·988	·016	·036	·030	·037	·013	·982	·955	·936	·928	·985
19	·934	·959	·982	·004	·023	·027	·022	·013	·999	·981	·965	·962	·971	·983	1·016	·056	·054	·062	·055	·032	1·001	·970	·954	·955	·999
20	·962	·977	·997	·018	·039	·050	·039	·025	1·015	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·998	·984	·985	·997	1·012	·034	·065	·084	·085	·068	·042	·007	·981	·957	·959	1·016
22	·965	·978	·988	·007	·025	·039	·033	·018	·010	·998	·989	·990	1·002	·022	·036	·057	·074	·077	·069	·056	·030	1·005	·989	·983	·018
23	·986	1·008	1·036	·057	·077	·082	·080	·074	·062	1·047	1·035	1·034	·044	·050	·060	·090	·111	·115	·107	·088	·055	·022	·997	·989	0·929
24	·997	·009	·026	·045	·062	·059	·053	·042	·023	·014	·007	·007	·018	·021	·047	·083	·106	·111	·101	·073	·046	·009	·991	·983	·914
25	·991	0·999	·022	·043	·065	·075	·073	·063	·052	·032	·015	·013	·022	·033	·048	·073	·101	·102	·090	·062	·034	0·997	·974	·963	·956
26	·965	·974	0·980	·005	·024	·032	·026	·016	0·993	0·975	0·959	0·955	0·963	0·971	0·991	·017	·040	·040	·030	·006	0·977	·946	·928	·925	·989
27	·925	·938	·961	0·988	·005	·008	·001	0·986	·973	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·949	·928	·928	·939	·943	·968	·004	·019	·021	·010	0·993	·962	·930	·912	·914	·967
29	·919	·937	·953	·974	0·995	·007	·009	1·002	·987	·974	·964	·959	·965	·971	·984	·013	·042	·052	·044	1·014	·989	·958	·941	·939	·983
30	·947	·957	·979	1·000	1·023	·035	·028	·011	·997	·976	·957	·948	·950	·958	·971	·000	·021	·022	·016	·005	·982	·958	·945	·939	·984
31	·949	·957	·970	0·994	·012	·020	·016	·011	·984	·964	·947	·944	·952	·960	·970	0·992	·021	·020	·005	0·987	·962	·941	·926	·918	·976
Means.	·954	·970	·989	·011	·030	·035	·029	·017	·000	·981	·964	·962	·972	·985	·005	·035	·906	·908	·934	·022	·993	·966	·949	·946	0·982

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means. ‡ 0·910 Correct. † 0·709 Correct.

DRY THERMOMETER (STANDARD).

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	h. m. 4. 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41	
JANUARY 1851. DRY THERMOMETER	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
1	78·6	76·8	78·5	73·6	72·4	71·7	70·4	69·8	69·4	69·0	68·6	68·0	67·3	66·8	66·9	66·0	73·2	77·0	79·6	81·3	81·0	81·9	81·4	80·7	73·8
2	79·4	77·5	75·5	74·7	73·7	71·9	70·3	69·7	69·6	68·5	68·0	67·5	67·0	66·0	66·5	68·7	73·0	76·3	78·8	79·4	80·3	80·7	81·0	80·2	73·5
3	79·0	77·0	75·0	74·2	72·5	71·6	71·1	71·1	72·0	71·3	70·7	70·1	69·5	68·5	68·2	70·4	74·9	78·5	79·7	80·8	81·3	81·8	81·4	80·7	74·6
4	80·0	78·4	76·8	76·4	75·2	74·4	73·3	72·5	71·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	71·5	71·1	70·7	70·4	70·0	69·5	70·7	74·9	78·3	80·5	81·2	81·5	81·0	81·7	81·0	75·8
6	80·0	78·5	76·0	76·3	75·7	75·5	74·9	72·8	71·8	71·0	70·2	69·4	68·6	68·5	68·5	70·1	73·7	77·5	79·7	81·0	81·2	81·5	81·3	80·8	75·2
7	79·6	78·0	76·4	75·7	75·5	74·8	75·0	76·2	73·6	72·3	72·0	72·0	72·0	71·0	70·9	72·1	75·0	78·4	80·6	82·1	82·5	82·7	82·2	81·7	76·3
8	80·0	78·3	77·3	77·0	76·5	76·3	75·5	74·5	72·5	71·9	71·2	70·8	70·4	70·0	70·0	71·7	75·6	78·0	79·9	81·4	81·8	81·7	82·1	81·2	76·1
9	79·6	78·4	77·0	76·4	75·9	74·5	73·3	73·0	72·3	71·3	70·3	69·9	69·5	70·0	69·6	70·7	75·0	78·0	79·5	81·4	82·7	82·7	82·2	81·6	75·6
10	80·5	78·5	77·5	76·8	75·6	76·3	76·0	75·5	74·5	72·3	71·1	70·3	69·5	69·0	68·7	70·6	74·8	78·0	80·5	82·2	82·4	82·6	82·5	82·0	76·2
11	80·8	79·1	78·0	77·0	76·8	76·6	75·9	75·3	73·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	74·0	73·5	73·0	72·5	72·2	72·1	73·9	76·8	79·6	81·7	82·5	83·7	84·2	83·5	82·9	77·5
13	81·5	80·2	78·6	78·3	77·8	77·5	77·1	76·5	75·0	74·0	73·0	72·8	72·5	71·8	71·5	73·5	77·4	80·5	82·4	83·0	83·5	84·2	83·5	83·5	77·0
14	82·0	80·3	78·7	78·4	78·2	77·6	77·3	77·0	76·5	75·5	74·5	73·8	73·0	72·3	72·1	74·3	78·7	81·4	83·1	83·2	83·6	83·7	83·0	82·5	78·4
15	81·6	80·2	78·8	78·3	77·8	77·6	77·5	77·2	77·0	76·8	76·0	74·5	73·0	72·5	72·5	73·7	77·5	80·5	82·0	82·4	83·0	83·4	82·9	81·6	78·3
16	81·4	79·7	78·6	78·4	78·0	77·8	77·8	77·1	76·8	76·5	76·3	75·2	74·0	73·4	72·7	73·5	79·1	81·3	82·5	82·8	83·3	83·3	82·9	82·4	78·6
17	81·0	79·7	77·8	77·6	77·6	77·4	77·4	76·9	76·6	76·4	76·3	76·2	76·0	76·0	76·1	76·7	79·8	81·5	81·9	82·0	82·9	82·7	82·1	81·7	78·8
18	80·3	79·0	77·8	77·5	77·3	76·9	76·6	76·2	76·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	72·0	72·0	71·1	70·2	70·2	70·2	72·3	76·8	80·0	80·8	82·2	82·3	82·7	82·4	81·7	76·9
20	80·3	79·0	78·3	77·5	77·0	76·5	75·8	73·7	72·4	71·8	71·2	70·9	70·5	70·2	70·1	72·2	75·7	79·5	81·2	82·1	82·0	81·9	82·0	81·6	76·4
21	81·0	79·4	77·8	77·4	77·1	76·6	76·5	76·0	76·0	74·7	73·5	72·0	72·3	71·6	71·5	72·6	77·0	80·2	81·3	81·5	82·2	82·9	82·5	81·8	77·3
22	81·0	79·5	78·4	77·8	77·6	77·1	76·7	76·3	76·0	74·1	72·3	71·7	71·0	70·7	70·5	71·4	74·5	78·8	80·7	81·0	82·2	82·7	82·6	81·8	77·0
23	80·8	79·2	77·5	77·2	77·0	76·8	76·7	76·7	76·2	75·7	75·3	73·7	72·6	71·0	70·5	72·7	77·5	80·0	81·4	82·2	83·0	83·5	82·8	82·5	77·6
24	81·2	79·7	75·4	77·4	76·6	74·5	73·0	72·3	71·7	71·0	70·3	69·5	68·6	68·5	68·1	76·2	74·5	78·0	80·7	81·8	82·5	83·3	82·8	82·7	75·7
25	80·7	79·4	77·4	76·5	75·4	74·0	72·7	71·5	70·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	70·7	70·2	69·8	69·3	69·0	68·8	71·2	75·0	78·7	80·4	81·1	81·4	81·8	81·5	81·2	75·3
27	80·3	78·3	76·5	76·3	76·0	75·5	75·4	74·5	72·6	70·0	69·3	68·6	67·8	67·0	67·3	69·3	73·9	77·5	80·0	80·8	81·4	81·6	81·1	81·0	75·1
28	79·7	78·4	76·4	75·5	75·0	74·7	74·5	72·7	72·5	70·7	69·0	68·3	67·5	68·8	68·0	70·1	74·5	78·1	80·5	81·2	81·8	82·2	82·0	81·6	75·2
29	80·3	78·0	77·1	76·4	76·6	75·6	75·5	75·0	74·5	73·5	72·2	70·5	68·8	67·7	67·5	70·1	74·5	78·6	81·0	81·1	81·5	81·7	81·5	81·1	75·9
30	80·0	78·5	76·8	76·4	76·0	75·4	74·4	74·3	73·0	72·7	72·5	71·5	70·5	70·0	69·5	72·0	76·0	79·5	81·7	83·4	82·0	83·3	83·1	82·5	76·4
31	81·7	79·6	78·3	77·6	77·3	76·9	76·7	76·5	76·3	75·4	74·0	73·3	72·5	71·8	71·4	73·5	77·6	80·4	81·7	82·4	83·0	83·8	83·3	82·7	77·9
Means.	80·5	78·9	77·4	76·3	76·2	75·6	75·1	74·4	73·7	72·0	72·0	71·3	70·6	70·2	70·0	71·3	75·8	79·1	80·9	81·8	82·3	82·6	82·3	81·7	76·4
FEBRUARY 1851. DRY THERMOMETER																									
1	81·3	79·0	78·3	78·2	77·9	77·7	77·5	77·1	76·3																
2	—	—	—	—	—	—	—	—	—	76·0	75·5	75·0	74·5	72·2	72·0	73·6	75·8	81·4	82·4	82·8	82·8	83·4	82·9	82·0	73·3
3	81·2	79·5	77·4	77·2	77·0	76·8	76·0	75·4	73·0	72·0	71·0	70·2	69·3	68·5	68·5	71·0	74·8	79·5	80·5	81·5	81·7	83·0	82·6	81·6	76·2
4	80·7	79·2	77·5	76·7	75·5	75·5	75·2	74·1	72·5	71·7	71·0	71·0	71·0	69·4	68·6	70·9	75·4	78·4	80·0	81·1	82·1	82·1	82·0	81·4	76·0
5	80·5	78·3	76·4	76·4	74·5	73·4	72·3	71·0	69·2	68·6	68·0	68·2	68·3	68·6	69·1	71·4	75·5	78·9	80·2	81·2	81·3	81·8	81·6	81·4	74·8
6	80·6	78·8	77·0	76·5	75·3	74·7	73·9	73·0	72·7	72·1	71·5	70·1	68·6	67·3	67·2	69·8	74·4	78·1	79·3	81·6	82·5	82·6	82·5	82·4	75·5
7	81·5	79·8	77·6	76·5	78·1	74·3	72·0	72·0	71·8	70·9	70·0	69·1	68·2	67·3	67·0	69·9	74·5	78·5	80·6	82·0	82·4	82·8	83·0	82·4	75·4
8	81·6	79·9	78·0	77·0	76·5	76·0	75·2	75·0	74·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	71·7	70·7	69·7	68·0	67·7	67·4	70·4	75·4	79·0	81·6	82·6	83·6	84·0	83·6	83·5	76·4
10	82·4	80·5	78·4	77·3	76·6	76·0	75·7	75·8	75·0	73·5	72·0	70·7	69·3	68·3	67·9	70·9	75·3	78·0	81·4	82·0	83·2	83·8	83·5	83·3	76·7
11	82·5	80·2	77·9	76·2	74·9	73·7	72·9	71·5	70·0	69·4	68·8	68·2	67·5	67·0	67·6	70·7	75·5	79·5	82·0	84·3	84·8	84·5	84·7	83·7	75·8
12	83·0	81·3	79·2	79·0	77·5	77·3	77·6	76·7	76·5	75·5	74·5	73·0	72·7	72·2	72·0	71·6	78·0	81·5	82·4	83·7	84·2	84·5	84·5	83·9	78·0
13	82·7	80·6	78·8	78·0	77·3	76·9	76·5	75·2	76·0	75·1	74·2	73·3	72·4	71·8	72·2	74·1	77·8	80·6	82·5	83·4	84·2	84·7	85·0	84·5	78·3
14	83·2	81·0	79·0	78·0	77·2	77·2	77·0	76·2	73·6	72·7	71·8	71·2	70·6	70·3	70·4	73·5	78·4	82·0	84·4	85·1	85·4	86·0	85·0	85·2	78·2
15	83·9	81·8	80·0	79·4	78·7	78·7	78·0	77·6	76·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	76·8	75·7	74·6	73·5	73·4	73·2	75·5	79·4	83·4	84·4	85·1	86·1	86·7	85·2	84·5	79·7
17	84·2	81·5	79·5	78·9	78·3	77·5	77·5	77·0	76·7	75·3	74·0	73·2	72·4	72·1	72·0	73·6	80·0	82·6	83·6	84·0	84·9	85·0	85·0	84·5	79·0
18	83·3	81·5	79·6	79·0	75·2	78·0	77·7	77·0	76·5	75·2	74·0	73·0	72·0	71·3	70·9	73·8	77·3	81·1	83·8	85·1	85·0	86·1	86·4	85·9	78·9
19	84·5	82·1	80·3	79·1	78·6	78·0	77·8	77·0	76·3	75·7	75·2	74·1	73·0	72·0	72·0	73·8	76·2	79·7	82·2	83·6	84·5	84·6	84·0	84·5	78·7
20	83·8	81·6	79·9	79·1	78·5	78·1	77·3	75·9	74·3	73·0	73·0	72·2	71·4	70·7	70·9	73·9	78·2	81·8	83·6	84·4	84·7	85·0	84·0	84·0	78·3
21	83·2	81·5	79·8	79·0	75·0	78·3	77·3	75·9	74·3	73·5	72·5	72·3	71·7	71·0	70·0	72·9	77·7	81·3	84·2	85·1	85·0	84·0	84·5	83·6	78·3
22	82·3	81·1	79·5	79·0	78·8	78·3	77·5	77·1	75·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	72·2	71·6	71·0	70·4	80·3	68·0	71·2	76·4	80·6	84·0	85·2	85·3	86·0	86·6	85·7	78·0
24	84·9	82·6	79·0	75·5	76·7	75·6	74·5	72·9	72·2	71·9	70·3	70·0	69·0	69·3	69·2	72·2	76·5	80·9	82·8	84·0	84·0	84·0	85·1	84·7	77·2
25	83·8	81·8	79·6	78·7	77·7	75·9	74·0	73·7	72·4	71·3	70·2	69·4	88·5	68·3	67·9	71·2	76·2	80·2	82·5	84·1	85·0	85·5	85·4	84·5	77·0
26	84·0	82·1	79·8	78·6	76·0	74·3	73·3	71·0	70·4	70·0	69·7	69·2	56·6	68·2	68·0	71·2	75·7	79·7	82·8	85·0	85·5	86·0	85·0	85·3	76·7
27	84·4	82·2	79·4	77·2	74·6	73·3	72·4	72·2	71·7	70·5	69·3	68·8	68·3	68·3	68·4	71·9	77·2	81·8	85·0	86·3	87·0	87·2	86·7	86·3	77·1
28	84·5	82·8	80·5	79·0	77·9	75·9	74·5	74·0	72·9	71·9	71·0	70·7	70·3	69·7	69·4	72·8	77·8	81·7	83·5	85·3	86·2	86·9	86·4	85·7	78·0
Means.	82·8	80·0	78·9	78·0	77·0	76·3	75·0	74·8	73·8	72·5	71·0	71·2	70·4	69·8	69·5	72·4	76·3	80·5	82·8	83·7	84·3	84·7	84·5	83·9	77·4

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

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DRY THERMOMETER (STANDARD).

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
MARCH 1851. STANDARD THERMOMETER.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
1	85·1	82·7	80·4	77·9	76·1	74·8	73·2	72·2	70·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	73·6	72·8	72·0	71·3	71·6	71·8	75·0	79·2	82·6	84·0	84·6	85·2	85·6	85·2	84·5	78·0
3	84·0	81·6	79·4	78·3	77·6	76·9	75·0	73·5	72·2	71·8	71·4	70·9	70·4	69·6	70·0	73·9	78·9	82·4	84·0	85·0	85·0	85·5	85·5	83·9	77·8
4	83·7	82·0	80·2	79·5	78·6	78·3	77·6	77·5	77·4	77·0	76·5	74·7	73·0	72·5	72·3	75·2	80·0	82·5	84·2	85·4	86·1	86·9	86·5	85·7	79·7
5	84·2	82·4	80·4	79·6	78·6	77·7	76·5	76·2	74·5	73·9	73·2	72·4	71·7	71·2	71·1	74·4	79·3	83·1	84·0	85·2	85·1	85·7	85·0	85·1	78·8
6	84·0	82·3	80·5	79·8	79·5	79·5	79·4	79·2	78·8	77·5	76·2	75·4	74·6	74·1	74·3	76·8	80·7	83·2	86·1	87·0	87·5	87·0	85·5	84·5	80·6
7	83·9	82·7	81·6	81·4	81·3	80·7	80·3	80·2	79·8	78·8	77·7	77·7	77·7	76·8	78·7	78·1	81·4	84·7	86·2	87·0	87·8	87·6	87·0	86·5	81·8
8	85·0	82·8	81·1	80·6	80·4	80·2	80·0	79·5	79·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	76·1	75·5	74·9	74·3	73·9	74·0	76·8	80·7	83·4	84·5	86·2	86·2	86·6	86·6	86·0	80·8
10	85·0	83·2	81·4	81·2	80·5	79·8	78·9	78·0	76·5	75·8	75·0	74·5	74·0	73·6	74·1	77·0	81·3	83·7	86·0	87·2	87·0	87·8	88·3	87·3	80·7
11	85·0	83·3	82·3	82·0	81·7	81·5	81·3	81·0	81·0	80·4	79·8	79·2	78·7	77·5	77·7	79·8	83·7	86·0	88·6	89·4	89·5	89·3	89·2	88·1	83·2
12	87·5	85·2	83·1	82·2	81·6	81·0	80·8	79·5	78·4	77·2	75·9	75·6	75·4	75·3	76·0	79·1	82·5	85·2	87·7	89·6	89·8	89·8	89·8	89·0	82·4
13	88·3	85·4	83·4	82·5	81·8	81·0	79·5	77·7	76·9	76·2	75·4	74·5	73·7	73·6	74·0	78·7	82·2	84·8	86·8	87·4	88·0	88·5	88·2	88·2	81·5
14	87·0	84·1	82·2	81·3	80·2	79·5	78·3	77·0	75·4	74·6	73·7	75·4	73·2	72·4	72·9	77·0	81·5	84·1	86·8	88·2	88·8	89·3	89·0	89·3	80·3
15	87·3	34·6	82·9	81·8	81·0	80·3	77·5	77·0	76·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	75·3	74·4	73·5	72·6	72·1	72·5	78·0	80·4	84·5	86·6	87·8	88·3	88·6	88·5	87·9	80·7
17	86·4	84·3	82·2	81·0	79·9	78·8	77·6	76·5	75·6	74·8	74·0	73·7	73·5	74·0	74·5	78·0	81·8	85·0	86·7	87·3	88·0	88·5	88·6	88·7	80·8
18	86·9	85·3	83·1	82·2	81·1	80·5	78·8	78·0	77·2	76·4	75·5	75·1	74·7	74·3	74·8	78·3	82·5	85·2	88·0	89·1	89·8	89·5	89·1	88·9	81·6
19	87·3	85·3	83·1	82·2	81·6	81·0	80·4	79·0	77·5	77·3	77·0	76·4	75·8	75·4	75·5	78·6	82·9	86·0	88·3	89·3	90·2	90·7	90·4	89·6	82·5
20	88·3	85·5	83·2	82·1	81·5	80·6	79·6	78·5	77·6	77·2	76·8	76·9	77·0	77·4	78·0	80·6	84·3	88·0	90·7	92·5	92·0	92·3	92·0	90·6	83·5
21	89·1	86·9	84·7	83·8	83·1	82·8	82·5	91·9	81·0	80·3	79·5	79·7	80·0	79·9	80·3	83·0	86·3	89·8	93·1	92·8	92·9	92·4	92·3	91·1	85·4
22	89·5	86·8	85·0	84·3	83·7	83·4	82·7	82·4	82·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	80·8	80·0	79·2	78·5	78·1	78·5	61·7	85·0	87·2	90·2	90·7	91·0	90·9	90·5	89·7	84·7
24	88·6	86·3	84·2	83·5	83·0	82·5	81·9	80·7	79·5	79·0	78·4	77·9	77·4	77·0	77·7	81·0	85·0	87·7	89·1	90·0	90·5	90·4	90·2	89·3	83·8
25	87·9	85·5	83·5	82·7	82·3	81·7	80·7	80·2	80·2	79·4	78·5	77·5	76·5	75·6	76·4	79·3	83·2	85·6	87·5	88·4	89·4	89·3	89·3	87·5	82·8
26	86·4	84·6	82·8	82·2	81·6	81·0	80·7	80·4	77·7	76·9	76·0	75·4	74·9	74·0	74·5	78·8	83·3	86·0	87·5	88·5	89·5	89·5	89·4	88·3	82·1
27	87·4	85·4	83·5	82·6	82·2	81·6	81·5	80·9	80·0	79·2	78·4	77·7	77·1	76·5	77·2	82·4	85·6	88·8	90·0	90·7	91·5	90·3	90·8	90·6	83·8
28	89·3	87·0	85·2	84·3	83·8	83·5	83·0	82·6	82·4	81·7	81·0	80·2	79·4	78·4	79·0	83·4	86·5	89·5	92·4	93·0	92·6	91·3	91·0	90·3	85·5
29	89·7	87·5	85·6	84·8	84·6	84·0	83·5	83·0	82·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	82·3	81·5	80·7	79·9	80·1	81·3	84·6	87·7	90·4	91·5	92·0	92·6	92·5	91·9	91·2	86·1
31	90·1	88·0	86·2	85·7	85·0	84·5	84·0	83·6	83·0	82·0	81·0	80·1	79·3	79·0	80·0	83·3	88·8	89·3	90·5	90·5	91·1	91·1	91·0	89·7	85·6
Means.	86·8	84·6	82·7	81·9	21·2	20·7	79·8	79·1	78·2	77·5	76·7	76·1	75·6	75·1	75·6	78·9	82·8	85·7	87·7	88·6	89·1	89·1	88·9	88·1	62·1
APRIL 1851. STANDARD THERMOMETER.																									
1	88·6	87·0	85·1	84·5	84·0	83·5	83·2	82·5	81·0	80·0	79·0	78·2	77·4	76·7	77·7	81·6	85·3	83·4	89·7	90·5	91·0	90·8	90·7	90·2	84·4
2	89·3	87·2	85·5	84·4	83·9	83·5	82·9	81·8	81·0	80·3	79·5	78·8	78·1	77·4	78·0	82·6	86·2	89·0	91·2	91·8	91·9	92·3	92·5	91·5	85·0
3	90·2	88·3	86·0	84·9	84·1	83·5	83·0	82·2	80·5	79·6	79·0	78·2	77·5	76·6	77·4	82·0	86·2	89·5	92·4	92·5	93·5	94·3	94·3	92·7	85·4
4	91·9	89·3	86·0	85·0	84·0	83·5	83·0	81·5	80·5	79·4	78·3	77·3	78·3	76·7	78·4	82·6	86·9	90·0	92·8	93·2	94·0	94·0	94·7	94·2	85·6
5	92·3	88·8	86·3	85·4	84·8	84·5	84·0	83·5	83·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	81·9	81·7	81·5	81·3	81·1	81·9	84·1	85·8	88·5	89·9	91·0	91·5	91·6	91·8	90·8	86·1
7	89·8	87·1	85·0	83·7	83·0	82·0	81·3	80·3	79·3	78·2	7·70	76·3	75·7	74·8	78·5	82·4	85·6	87·9	89·0	89·8	90·0	90·5	90·5	90·1	83·6
8	89·5	87·8	84·8	83·6	82·8	82·6	81·0	79·8	78·0	77·0	76·0	75·3	74·8	74·4	75·7	80·6	85·5	88·2	69·9	90·6	90·8	91·1	91·4	90·4	83·4
9	90·0	88·3	85·9	84·7	83·8	83·6	83·5	83·0	82·5	81·7	80·9	80·2	79·6	78·6	60·0	64·0	87·9	90·1	91·2	91·6	91·9	92·0	92·1	91·7	85·8
10	90·0	88·1	86·0	85·1	84·5	84·0	83·8	83·0	82·8	81·9	81·0	80·3	79·7	78·8	80·2	84·8	87·5	90·9	92·3	92·8	93·5	93·0	92·3	91·7	86·2
11	90·2	87·5	85·9	85·1	84·6	84·5	84·0	83·5	82·0	81·5	81·0	80·3	79·7	78·2	81·0	85·0	89·0	91·3	92·1	93·0	93·5	93·5	93·0	92·7	86·4
12	91·7	89·1	86·9	85·7	85·0	84·5	84·1	83·7	83·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	93·2	82·4	81·8	80·9	80·2	81·8	86·0	89·5	90·8	91·6	92·7	93·0	93·5	93·1	92·0	86·9
14	99·9	88·7	86·1	85·5	84·9	84·6	84·0	83·5	83·0	82·3	81·5	80·8	80·1	79·9	81·6	85·3	88·7	91·5	92·5	92·9	93·3	93·8	93·1	91·6	86·7
15	90·3	88·6	85·8	84·7	84·5	84·0	83·5	83·3	83·0	82·6	82·2	81·8	81·4	81·0	82·4	86·1	89·5	91·5	92·6	93·0	93·2	93·3	92·7	92·5	86·8
16	91·3	89·5	86·8	85·2	84·7	84·5	84·0	83·5	83·1	83·0	82·9	32·1	81·3	80·4	82·2	86·0	89·4	91·8	92·5	93·0	93·4	93·6	93·3	91·7	87·0
17	89·5	88·3	86·5	85·1	84·5	84·3	83·9	83·5	83·0	82·5	82·0	81·4	80·9	80·5	82·4	85·4	90·5	91·7	92·4	92·9	93·9	93·5	93·8	92·7	86·9
18	90·5	88·8	86·7	86·5	85·1	84·7	84·5	84·0	83·6	83·3	83·0	81·9	80·9	80·2	82·0	80·4	87·9	91·8	93·0	93·2	93·5	93·8	93·6	91·7	87·1
19	90·0	89·5	87·5	86·2	85·7	85·0	84·8	84·0	82·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	79·6	79·1	78·8	78·1	78·0	80·5	85·1	87·9	91·6	94·5	94·1	94·0	93·6	92·8	91·7	86·4
21	90·3	89·0	86·4	85·4	84·7	84·5	84·0	82·9	83·0	82·3	81·5	81·0	80·5	79·8	82·2	86·5	89·8	92·9	95·6	95·5	94·7	94·7	94·5	94·0	87·3
22	92·6	90·7	87·3	86·3	85·6	85·5	85·0	84·5	83·5	82·9	82·2	81·9	81·6	81·5	83·0	87·0	90·0	93·9	96·0	95·6	95·0	95·3	94·8	93·7	88·2
23	92·3	89·5	87·4	86·5	86·0	85·5	85·0	84·5	83·8	83·4	83·0	83·0	83·0	83·0	84·1	87·5	90·5	94·0	96·2	95·8	96·2	25·4	94·3	93·5	88·5
24	92·4	90·0	87·8	86·9	86·3	86·0	85·8	85·3	64·9	84·3	83·7	83·7	83·7	83·4	85·3	89·0	91·8	93·0	95·3	96·4	97·6	90·2	95·5	94·5	89·1
25	92·3	89·7	88·0	87·3	86·5	88·4	86·0	85·6	84·8	84·4	84·0	84·1	84·2	84·2	86·1	87·5	91·5	95·9	94·0	94·6	93·8	94·6	94·1	93·1	88·9
26	92·4	89·7	87·6	86·3	86·4	85·8	84·9	84·7	84·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	83·8	83·5	83·2	82·9	82·4	84·7	85·7	87·9	93·0	95·5	95·8	96·0	95·7	94·2	92·2	88·3
28	90·3	88·7	87·4	86·9	88·5	86·2	86·0	85·8	85·5	85·5	85·4	84·9	84·4	84·1	86·0	87·6	90·6	92·2	94·8	94·8	94·4	94·5	94·7	92·9	88·8
29	91·3	90·5	88·2	87·3	88·6	86·5	86·0	85·7	86·0	85·5	85·0	84·7	84·4	83·3	83·8	86·5	89·1	90·4	91·8	91·7	92·6	93·7	93·7	92·4	88·2
30	90·3	89·0	87·0	88·3	88·0	85·8	85·5	85·0	84·7	84·4	84·0	83·8	83·6	83·0	83·5	24·7	87·5	89·7	93·0	94·5	93·5	93·8	92·8	92·0	87·6
Means.	90·8	83·8	86·5	85·6	84·9	84·6	84·1	83·5	62·8	82·1	81·5	81·0	80·5	80·0	81·5	85·1	88·3	91·1	92·8	93·2	93·5	93·6	93·2	92·2	88·7

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY THERMOMETER (STANDARD).

MAY 1851.

Gottingen Mean Time,	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3·	
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
1	91·0	85·8	87·0	86·4	88·0	85·8	85·5	85·1	85·1	84·9	84·6	84·4	84·2	84·2	84·8	85·9	86·3	88·5	86·5	81·3	79·5	78·0	78·8	79·9	84·6
2	81·0	78·5	78·4	78·8	79·7	80·3	80·9	81·2	81·2	81·0	80·7	80·0	79·4	80·2	79·4	79·3	79·8	78·6	79·2	79·2	78·5	79·7	79·0	76·8	79·7
3	78·0	78·8	78·0	78·8	78·8	77·8	78·8	77·0	78·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	81·8	81·0	80·8	80·6	80·5	79·7	79·3	77·2	76·0	77·0	78·4	80·7	83·7	83·3	82·6	79·3
5	82·5	82·3	82·0	82·2	82·0	81·8	81·0	80·5	80·0	79·4	78·7	78·6	78·5	78·5	79·0	81·4	83·8	85·0	86·5	85·3	89·3	90·1	89·8	86·1	82·8
6	84·8	83·4	88·4	81·7	81·0	80·3	79·5	79·2	78·8	78·6	78·4	77·8	77·3	76·7	79·3	81·8	84·0	86·5	83·9	89·8	91·4	90·4	89·5	88·8	82·9
7	88·0	85·6	84·1	82·9	88·8	82·1	82·0	81·7	81·7	81·8	80·8	80·1	79·8	79·3	81·5	84·0	85·3	86·7	88·7	89·7	91·7	88·0	91·4	90·4	84·7
8	89·8	88·8	85·8	84·5	83·8	83·5	83·2	82·7	82·3	81·8	81·3	80·8	80·6	80·2	82·6	85·0	87·3	89·0	91·0	92·4	93·8	95·0	95·9	96·6	86·5
9	93·8	88·1	87·9	86·5	85·7	85·3	84·8	84·0	83·7	83·1	82·4	81·8	81·3	81·0	81·7	88·8	85·5	90·3	92·7	94·7	96·2	87·2	93·9	96·5	88·8
10	93·6	98·8	89·5	87·8	87·0	86·3	85·7	85·0	84·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	84·8	83·6	82·4	81·2	81·1	88·7	87·0	89·0	91·4	93·5	96·2	97·0	84·1	93·7	93·6	83·6
12	93·9	98·1	83·8	86·9	86·0	88·5	84·7	84·2	83·8	82·8	81·8	81·1	80·5	79·8	82·8	85·3	87·7	90·0	92·5	94·5	95·3	94·8	94·0	93·6	87·5
13	92·5	91·8	87·6	88·1	85·3	84·9	84·8	84·8	83·8	83·1	82·3	81·7	81·2	80·7	83·1	86·0	88·8	90·4	92·3	94·4	96·3	97·5	97·2	95·8	88·0
14	94·2	93·8	89·0	87·3	86·3	85·5	85·0	84·5	88·8	88·7	81·6	81·8	81·5	79·9	82·2	85·5	85·7	91·0	93·4	96·0	95·0	99·4	99·7	97·2	88·6
15	96·0	94·4	90·3	88·0	87·1	86·3	85·3	85·0	84·0	83·2	82·3	81·8	80·7	80·3	83·0	86·0	88·5	91·3	93·2	94·3	91·4	94·5	94·0	93·1	88·2
16	92·5	89·9	87·3	85·9	85·0	84·7	84·3	83·7	83·2	82·5	81·8	81·4	81·0	89·5	82·7	85·6	88·5	90·8	91·8	92·8	92·4	92·7	93·4	93·4	87·0
17	92·4	89·7	86·6	88·5	84·9	84·5	84·2	83·7	83·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	83·8	83·1	82·8	88·2	82·1	84·6	86·9	90·0	92·3	94·2	94·2	93·0	98·6	91·3	91·2	87·3
19	90·8	89·2	86·0	85·2	84·8	84·6	84·6	84·3	84·8	83·8	83·3	82·9	82·5	82·4	84·4	87·1	89·4	91·5	92·7	93·0	92·8	93·0	92·3	92·0	87·4
20	90·8	89·3	86·8	85·2	84·8	84·6	84·5	84·0	83·5	83·4	83·2	82·7	82·3	82·2	84·3	87·2	89·6	92·5	93·4	92·9	93·0	92·5	93·0	92·6	87·4
21	91·2	90·3	87·0	86·0	85·8	84·7	84·3	83·9	83·6	83·8	82·8	82·5	82·2	82·1	84·1	87·2	90·3	93·1	94·7	93·7	93·6	93·7	93·6	93·2	87·8
22	92·4	90·8	87·0	88·0	85·3	85·0	84·8	84·8	84·3	83·9	83·4	83·1	82·8	82·6	84·7	87·7	90·3	93·0	95·2	97·4	99·6	97·5	96·2	94·2	88·8
23	93·7	91·9	89·0	88·0	87·4	87·0	88·6	88·5	86·8	86·1	85·8	84·8	84·0	83·5	84·7	88·0	89·2	88·8	85·0	84·2	84·4	88·0	86·1	86·3	86·8
24	88·5	88·8	84·2	83·8	83·6	88·6	83·0	81·9	81·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	81·2	80·6	80·0	79·4	79·2	81·0	84·1	87·8	88·3	89·3	89·7	89·7	89·8	89·8	89·3	84·7
26	89·4	89·2	85·4	84·1	83·5	88·3	83·8	88·8	82·6	81·7	80·8	80·5	80·3	80·3	82·0	84·5	87·7	88·8	88·8	90·0	90·4	90·5	90·4	90·0	85·4
27	89·8	89·8	86·0	84·7	84·1	84·0	83·7	83·0	82·6	82·0	81·4	80·8	80·3	80·1	82·5	85·7	88·8	90·8	92·5	94·6	96·1	97·0	96·5	95·2	87·1
28	93·3	92·3	88·4	87·0	86·8	88·7	85·3	84·7	84·4	83·6	82·8	82·3	81·8	81·5	84·5	88·5	80·7	93·8	95·0	94·3	94·0	94·1	94·5	95·8	88·5
29	94·6	91·8	88·5	87·4	88·8	86·8	86·0	80·7	85·0	84·5	84·0	83·5	83·1	82·8	86·0	90·2	91·8	93·5	94·8	96·8	98·4	99·4	100·6	101·4	90·1
30	99·0	93·0	90·0	89·0	88·8	87·8	87·7	85·3	84·1	83·9	83·6	83·4	83·8	83·0	83·7	86·0	89·8	92·2	94·3	95·4	96·9	98·5	100·0	98·7	89·8
31																									
Means.	80·6	89·0	88·8	85·2	81·7	84·3	84·0	83·4	83·0	83·7	82·1	81·7	81·2	81·0	82·8	85·5	87·6	89·3	90·7	91·5	92·2	92·4	92·3	91·7	86·5

JUNE 1851.

Day	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
May 31	97·8	98·8	93·0	89·5	88·4	87·6	86·9	86·3	85·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	85·2	84·7	84·2	83·7	83·7	84·9	86·8	90·5	92·4	94·2	96·7	99·2	89·2	99·7	101·5	90·7
2	100·8	98·3	95·8	98·9	91·8	90·3	89·4	83·8	87·6	87·4	87·2	86·2	85·3	84·7	88·1	89·7	93·4	95·8	97·5	98·9	101·0	100·2	96·6	95·8	93·7
3	94·7	92·2	89·7	89·2	88·3	87·6	87·1	86·4	88·2	85·9	85·8	85·1	84·7	84·8	85·5	87·4	89·5	91·7	93·0	93·8	96·8	98·7	98·4	98·1	90·0
4	97·3	93·0	90·2	88·8	87·5	88·9	86·8	88·4	88·0	85·7	85·3	85·1	84·9	84·6	86·7	89·9	92·6	94·4	95·9	97·7	100·0	101·2	101·7	101·4	91·2
5	91·9	84·1	83·7	83·5	83·5	83·5	82·9	82·8	88·6	82·8	82·6	82·4	82·2	82·0	83·0	88·0	89·8	80·5	92·2	94·2	96·5	98·1	98·7	98·5	87·4
6	89·0	88·3	94·9	93·0	91·5	90·4	89·3	87·8	86·8	86·0	85·8	84·2	83·3	82·8	83·9	87·0	90·4	91·5	93·8	96·3	98·7	99·5	100·5	101·[illegible]	91·5
7	101·3	100·0	98·7	94·0	90·6	89·4	88·9	83·8	88·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	88·8	85·8	85·0	84·5	84·3	85·3	88·5	91·4	83·1	95·5	98·5	97·0	99·8	98·7	98·8	92·0
9	96·9	95·1	91·8	87·7	87·0	87·0	86·8	86·0	85·5	85·3	85·0	84·8	84·8	84·2	84·6	87·3	91·8	92·8	95·0	96·0	98·3	98·2	98·7	97·2	90·8
10	98·0	94·3	91·8	90·5	89·8	88·8	88·3	87·8	86·8	86·0	85·0	84·5	84·6	84·8	85·0	86·5	91·2	92·7	84·9	96·5	97·3	99·0	99·1	99·6	90·8
11	99·1	97·6	94·6	93·0	91·9	90·8	90·2	89·4	89·4	88·2	87·9	86·7	85·5	84·5	87·5	91·0	93·0	95·0	96·8	97·8	98·7	89·5	99·2	99·0	92·7
12	98·4	92·2	89·3	87·7	87·3	87·0	86·5	85·8	85·8	84·9	84·8	83·5	82·5	82·9	86·0	89·8	91·7	93·4	94·9	96·7	98·8	100·4	100·7	100·5	90·3
13	100·0	99·1	95·4	91·3	87·8	86·5	86·3	86·8	85·5	85·0	84·5	88·7	88·0	82·5	84·7	89·0	91·2	92·8	94·3	95·8	97·7	99·2	97·2	93·9	90·5
14	91·0	89·7	86·6	86·4	86·4	88·4	88·0	85·4	85·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	84·4	84·0	83·6	83·2	82·7	83·4	89·2	92·3	94·0	95·8	95·2	94·8	94·8	94·4	94·1	88·8
16	93·1	93·2	88·1	87·0	86·3	86·8	79·7	80·2	80·6	80·2	79·9	79·8	79·7	79·5	82·1	85·9	85·7	91·1	92·7	94·3	96·0	97·0	98·0	93·4	87·1
17	93·1	90·6	87·8	86·5	85·4	82·3	79·7	81·3	81·0	81·0	81·0	80·7	80·5	80·3	84·0	88·0	90·0	91·5	93·4	94·8	95·7	97·4	99·4	98·3	87·6
18	95·7	81·6	88·7	87·7	86·8	86·3	88·6	85·5	85·2	84·9	84·5	84·1	83·8	83·3	84·8	88·7	91·0	93·0	94·4	95·5	97·4	99·0	100·6	101·1	90·0
19	97·9	92·7	90·2	89·5	87·7	87·2	86·9	86·8	86·8	86·2	85·5	85·8	85·0	85·1	85·8	86·3	88·9	91·8	94·4	96·0	96·4	97·4	98·7	96·5	90·1
20	93·8	92·6	89·3	87·7	87·2	86·4	85·7	85·8	85·1	84·8	84·1	83·8	83·5	83·0	84·0	85·3	80·2	92·9	95·7	97·2	94·9	96·3	95·2	98·3	89·2
21	92·9	89·6	89·2	87·5	87·0	86·8	84·4	80·7	79·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	79·4	79·4	79·8	79·3	79·5	79·5	80·3	88·6	85·5	88·9	90·7	90·8	98·3	94·6	93·7	85·5
23	91·7	87·5	85·7	85·0	84·7	84·8	88·8	83·3	82·8	82·4	82·0	81·8	80·8	80·5	83·2	86·7	88·7	90·0	91·1	92·4	93·8	92·8	91·6	91·2	86·5
24	90·7	89·8	86·8	85·5	85·8	84·8	84·5	84·2	83·6	83·2	82·7	82·1	81·6	81·6	81·4	87·4	88·8	90·2	91·8	93·2	94·4	96·0	97·0	94·5	87·7
25	93·0	91·8	88·0	86·5	86·1	86·1	86·7	85·1	84·5	83·9	88·3	82·9	88·5	81·9	83·4	87·4	89·8	91·5	88·3	94·7	9·83	97·8	97·7	94·9	88·7
26	91·8	90·3	88·5	87·2	88·3	88·6	85·4	85·0	84·8	83·9	83·8	83·1	88·7	88·5	81·9	88·4	80·5	98·5	94·0	95·5	97·4	97·2	97·0	85·1	88·9
27	93·8	90·8	88·3	87·5	87·3	86·4	86·0	85·8	85·8	84·9	84·5	84·0	83·8	83·0	83·8	85·4	88·7	90·6	98·0	94·4	95·7	98·1	96·8	95·3	88·7
28	93·0	89·3	87·8	86·8	86·2	85·8	85·6	85·4	85·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	84·7	84·1	83·5	83·0	82·1	84·4	87·5	90·1	92·0	83·5	94·5	94·5	94·8	98·8	83·5	88·2
30	92·7	91·5	88·9	87·4	86·7	86·1	85·8	85·3	84·8	84·7	84·5	84·0	83·6	83·2	85·3	87·8	89·0	98·3	93·4	93·8	94·1	94·1	94·0	93·5	88·8
Means.	95·2	92·7	89·9	88·5	87·8	88·8	85·9	83·4	84·8	84·5	84·1	83·6	83·1	82·8	84·8	87·4	90·2	92·1	83·9	95·3	88·8	97·8	97·8	98·7	89·4

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

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DRY THERMOMETER (STANDARD).

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4. 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41	
JULY 1851.	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
1	93·0	93·4	88·7	87·2	86·2	85·7	85·2	85·1	85·1	84·4	83·6	83·3	83·0	82·5	84·2	86·3	89·6	91·4	92·7	94·8	94·5	94·7	95·4	93·8	83·5
2	94·2	93·2	89·4	88·0	87·0	86·5	87·1	85·5	85·5	84·9	84·2	83·5	82·8	82·5	84·1	88·0	90·5	92·1	93·4	94·4	95·2	94·5	94·8	94·5	89·0
3	93·6	93·0	89·0	87·8	86·8	86·3	85·9	85·5	85·3	85·2	85·0	84·2	83·5	83·4	85·5	89·3	91·5	92·9	93·8	95·5	97·0	95·5	94·5	93·0	89·3
4	83·5	83·5	83·7	84·4	83·6	81·1	81·2	80·7	80·3	80·2	80·0	79·5	79·0	79·2	80·0	81·0	83·0	86·1	87·5	89·3	91·9	92·4	92·2	92·9	84·0
5	86·4	78·9	79·7	79·5	79·7	79·7	79·7	79·5	79·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	79·3	79·2	79·1	79·0	79·0	79·4	80·2	81·4	82·4	85·0	87·8	89·5	88·0	88·5	89·8	82·1
7	90·0	88·0	84·3	82·2	81·6	81·5	81·3	81·0	80·8	80·6	80·3	79·8	79·6	79·4	80·5	82·6	87·5	88·8	89·8	92·0	94·0	94·0	90·5	89·9	85·0
8	85·6	85·7	84·9	84·3	83·9	84·0	83·7	83·3	83·0	82·5	82·0	81·5	81·1	31·0	82·0	83·4	85·6	88·4	89·9	90·5	91·2	92·0	92·0	91·6	85·5
9	90·9	88·0	86·6	85·9	85·4	84·5	84·3	83·6	83·0	82·3	81·6	81·3	81·0	80·7	80·7	81·9	85·0	87·1	88·2	91·4	90·0	91·4	89·3	88·0	85·5
10	33·3	87·7	86·3	85·2	84·5	83·8	83·1	82·7	82·5	82·0	81·5	80·9	80·4	80·0	82·5	85·7	88·0	89·4	91·4	93·0	94·0	94·2	91·3	90·0	86·2
11	89·4	87·5	85·9	85·1	84·7	84·5	80·0	77·1	78·5	78·8	79·0	79·0	79·0	79·0	79·5	81·2	82·4	85·4	86·8	87·7	90·0	91·8	92·0	89·5	83·9
12	87·5	87·6	85·0	81·8	80·1	79·6	79·0	78·5	77·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	79·1	79·0	78·9	78·8	78·7	78·7	79·9	81·6	85·0	86·7	87·5	89·3	90·5	93·3	92·5	83·2
14	90·9	88·5	85·0	82·5	81·6	81·4	81·3	81·3	81·0	80·8	80·5	80·2	80·0	79·6	80·1	81·8	86·0	88·0	90·5	89·8	91·5	93·0	92·7	90·0	84·9
15	88·5	88·1	83·2	81·6	81·3	80·9	80·4	80·2	79·6	79·6	79·5	79·2	79·0	79·0	79·6	81·5	85·0	87·0	88·2	89·2	90·0	90·8	90·5	90·8	83·8
16	89·8	88·0	86·4	85·5	85·1	84·7	83·8	83·2	82·5	82·1	81·7	81·1	80·5	80·4	80·4	81·7	83·6	85·9	87·4	89·3	91·3	92·5	92·5	91·3	85·4
17	90·7	88·5	83·4	82·9	82·6	82·1	80·6	80·1	80·6	80·8	81·0	80·6	80·2	80·1	80·1	80·9	82·0	85·3	85·2	87·5	88·3	88·5	88·0	89·5	83·6
18	83·7	84·0	80·8	80·7	80·8	81·0	81·5	81·4	81·4	81·2	81·0	80·5	80·0	79·6	79·7	81·7	84·6	87·5	89·7	91·6	92·2	93·0	92·7	92·6	84·5
19	90·5	88·7	86·8	86·0	85·2	84·6	84·0	83·1	82·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	77·8	78·0	78·2	78·4	78·6	79·0	80·0	81·0	82·7	84·0	81·9	85·3	86·3	86·3	86·9	83·3
21	86·3	85·0	83·3	82·6	82·2	81·7	81·6	81·3	80·9	80·7	80·5	80·2	80·0	79·6	80·4	83·9	86·5	88·6	89·8	91·8	93·0	93·5	92·3	92·3	84·9
22	92·1	91·0	87·2	85·4	84·6	83·9	83·2	83·0	82·5	81·0	79·5	78·9	78·3	78·4	78·9	79·8	81·6	84·3	86·3	88·7	89·7	89·3	89·6	89·6	84·4
23	89·0	87·7	85·7	84·7	84·3	85·8	83·1	82·2	81·4	80·7	80·0	79·7	79·5	79·3	79·8	31·1	85·5	87·5	89·5	91·6	91·8	92·5	94·0	93·6	85·3
24	91·7	89·5	85·7	85·3	84·6	83·4	82·3	81·0	80·4	80·2	80·0	79·9	79·9	79·6	81·0	84·3	86·5	88·4	90·4	91·5	93·0	94·0	96·3	96·3	86·0
25	95·7	88·7	86·3	85·3	84·6	84·5	84·2	83·8	82·2	81·7	31·2	81·1	81·1	80·8	81·6	84·6	87·7	89·5	91·0	92·5	93·6	94·1	94·5	96·0	86·9
26	94·2	90·3	87·4	86·4	85·7	82·9	81·8	81·4	80·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	82·5	32·0	81·5	81·0	81·0	82·0	84·9	83·0	89·8	91·5	92·3	93·6	95·5	96·0	95·5	87·0
28	95·5	92·2	89·7	88·7	82·7	83·0	83·0	82·9	82·6	82·5	83·4	82·2	82·0	81·6	81·5	83·3	85·5	88·4	91·6	92·5	93·4	95·6	96·5	95·8	87·3
29	93·5	90·3	89·0	87·0	84·4	83·5	82·5	82·1	81·7	81·9	82·0	81·9	81·9	81·6	81·7	83·4	85·6	87·5	89·5	91·3	92·5	93·2	94·0	92·3	86·4
30	91·6	89·7	87·7	86·6	80·0	79·5	80·4	80·4	80·5	80·5	80·5	80·2	80·0	80·3	80·7	81·5	83·0	84·1	86·0	87·9	89·7	91·1	91·3	90·8	84·3
31	90·2	88·6	86·9	85·8	84·8	81·6	81·8	81·9	81·6	81·6	81·5	81·0	80·5	80·5	80·5	81·5	84·5	86·5	88·3	89·9	90·8	92·1	92·5	92·6	85·3
Means.	90·4	88·3	85·8	84·7	83·6	83·0	82·4	31·9	81·6	81·3	31·0	80·6	30·4	80·2	80·9	82·8	85·3	87·3	89·0	90·6	91·7	92·4	92·4	91·9	85·4
AUGUST 1851.																									
1	93·3	92·1	89·0	87·4	86·1	86·0	85·5	83·1	81·5	83·6	82·6	82·0	81·5	81·2	81·3	82·0	83·7	86·7	88·2	89·6	90·6	98·9	94·0	94·0	86·8
2	94·0	92·4	90·1	88·0	87·0	85·9	84·8	83·5	83·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	82·3	82·2	82·1	82·0	81·5	81·8	84·5	83·5	89·7	90·8	92·2	94·7	95·7	96·0	95·2	87·9
4	93·4	91·7	89·0	87·4	86·2	83·7	83·0	82·8	82·5	82·3	82·0	81·4	80·9	80·8	81·5	83·8	85·7	88·8	89·7	92·0	93·5	96·0	95·7	94·3	87·0
5	92·0	89·7	87·4	86·1	85·5	84·1	82·9	32·3	81·8	81·7	81·5	81·2	81·0	81·2	82·5	85·5	83·3	90·4	92·3	93·7	95·2	96·0	97·3	96·3	87·3
6	95·0	92·3	89·9	88·6	87·7	86·9	85·8	85·2	84·8	84·3	83·8	83·4	83·0	82·5	83·5	86·0	88·7	90·5	92·0	93·1	94·7	97·0	97·1	95·0	88·8
7	92·2	90·3	83·0	87·2	85·7	85·4	83·5	83·0	84·0	82·8	81·5	80·7	80·0	78·5	78·6	79·0	80·1	82·0	83·5	84·8	87·0	89·0	91·2	91·3	84·6
8	91·2	90·8	87·2	84·8	84·0	83·6	83·1	82·6	82·0	81·5	81·0	80·5	80·0	79·6	80·4	84·0	87·1	89·0	91·1	91·5	93·5	93·7	98·0	92·2	86·1
9	92·0	91·3	87·2	85·9	85·2	82·9	81·8	82·0	81·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	80·6	80·5	80·4	80·4	79·8	80·8	83·8	86·0	83·1	89·8	90·7	92·5	94·0	93·3	92·5	86·0
11	92·5	91·2	83·0	86·7	86·1	85·7	83·2	84·2	83·6	82·1	80·5	78·5	76·5	74·6	76·0	76·2	77·7	80·4	83·8	86·5	83·3	89·7	91·0	91·3	84·0
12	91·3	91·0	87·6	86·2	86·0	84·4	83·9	83·4	82·8	82·2	81·6	81·7	79·8	77·0	76·3	76·8	77·3	81·8	85·6	87·0	88·9	90·0	90·6	90·7	84·3
13	92·0	91·0	87·8	85·2	84·1	83·6	83·2	82·7	82·4	82·0	81·5	81·2	81·0	80·5	80·8	82·5	85·6	87·0	89·0	90·8	91·5	93·0	94·0	92·5	86·0
14	92·1	89·7	87·0	84·2	82·5	81·5	80·9	80·3	79·6	78·8	78·0	77·8	77·7	77·8	78·8	81·2	83·1	85·5	88·3	90·0	91·1	92·5	93·3	94·0	84·4
15	93·8	93·3	87·5	86·5	85·0	84·5	83·9	83·3	83·0	82·2	81·3	80·8	80·4	80·2	80·5	81·0	83·5	86·7	89·5	91·7	93·9	95·5	92·0	93·5	86·4
16	91·5	88·7	87·6	86·2	85·5	84·9	85·0	84·1	81·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	83·0	81·5	80·0	78·6	78·5	79·9	82·5	85·4	87·0	89·8	91·0	91·5	91·2	89·5	89·1	85·5
18	87·8	87·0	85·0	84·0	83·5	83·3	83·2	82·6	79·6	79·1	78·5	78·3	78·1	78·0	79·5	88·0	85·0	87·4	88·5	90·0	91·1	93·1	94·0	88·0	84·5
19	82·7	82·8	82·4	82·0	79·8	79·6	79·5	79·5	79·0	78·8	78·5	78·4	78·4	78·4	78·9	80·9	83·2	85·3	86·1	37·2	87·9	88·6	90·2	89·8	82·4
20	87·3	85·7	84·1	83·4	82·0	81·6	80·1	79·7	79·2	79·4	79·5	79·4	79·3	79·1	79·3	80·3	83·6	86·9	88·3	89·3	91·0	92·0	91·3	90·3	88·8
21	85·7	84·8	83·3	82·2	80·5	79·8	79·5	79·2	78·9	78·9	78·8	78·7	78·8	78·5	78·9	80·6	83·7	86·0	88·2	88·7	89·5	89·7	88·0	87·2	82·8
22	83·5	87·0	85·0	80·9	80·0	80·0	79·8	79·6	79·6	79·3	79·0	78·9	78·9	78·6	79·0	80·9	83·3	86·4	87·3	89·5	90·5	91·3	90·9	90·2	83·5
23	89·3	87·2	85·0	84·0	83·5	82·0	81·7	81·2	81·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	80·5	80·2	79·9	79·6	79·2	79·8	82·0	84·3	86·8	89·8	90·7	90·9	91·8	92·0	91·1	84·7
25	87·8	85·6	84·5	83·8	77·5	78·2	78·5	78·6	78·5	78·5	78·5	78·4	78·4	78·1	78·6	82·4	85·2	87·4	88·5	91·1	91·5	92·0	92·2	91·8	88·5
26	90·8	88·4	82·0	80·7	81·4	80·2	80·0	80·2	80·0	79·4	78·8	78·4	78·0	78·0	78·9	81·4	83·5	85·8	88·2	90·0	89·8	92·0	92·6	93·8	83·8
27	94·1	92·0	88·0	85·6	85·0	82·1	81·7	81·6	81·4	81·1	80·7	80·1	79·6	79·6	80·0	81·6	83·5	85·2	88·2	90·5	91·9	92·0	92·0	92·0	85·4
28	90·3	88·3	85·7	84·7	84·3	84·1	84·0	83·7	83·0	82·8	82·5	82·0	81·5	81·1	81·0	81·9	88·5	85·0	87·3	88·5	89·7	89·7	90·0	89·6	85·2
29	88·7	87·3	85·5	85·0	84·5	84·0	82·6	82·4	81·0	80·8	80·5	80·4	80·4	80·0	79·9	81·1	82·8	85·2	88·0	89·0	90·0	90·7	91·8	86·0	84·5
30	86·0	84·7	83·3	82·8	82·1	82·0	81·1	81·0	79·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	82·0	81·3	80·6	80·0	79·5	80·7	88·5	85·4	86·7	89·1	90·5	91·7	93·3	95·7	95·4	84·9
Means.	90·6	89·0	86·4	85·0	83·9	83·1	32·5	82·1	81·5	81·2	80·6	80·2	79·8	79·3	79·9	81·8	84·1	86·4	88·4	90·0	91·2	92·4	92·6	91·8	85·2

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY THERMOMETER (STANDARD).

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
SEPTEMBER 1851.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
1	91·0	88·7	87·3	86·9	85·3	84·5	84·0	83·2	82·8	81·6	80·4	80·2	80·0	79·7	80·5	82·4	85·8	88·0	89·3	90·7	92·0	93·2	94·5	94·4	86·1
2	94·2	92·5	89·7	88·1	85·5	85·0	85·4	85·9	80·5	81·0	81·5	81·3	81·2	81·0	81·7	84·6	86·5	88·4	89·8	92·3	93·9	92·7	92·2	92·5	86·9
3	92·0	89·6	87·0	86·1	85·0	84·4	84·0	83·7	53·5	82·9	82·3	81·6	81·0	80·3	81·4	84·5	87·0	88·5	90·2	91·2	92·8	93·8	95·0	94·5	86·8
4	92·8	90·1	67·0	86·4	85·8	85·3	84·7	83·9	83·4	83·4	83·4	82·8	82·3	81·8	81·9	84·5	86·7	88·7	99·3	92·6	93·9	95·4	92·6	90·7	87·1
5	89·2	87·2	86·2	85·5	84·4	83·6	83·5	83·3	83·0	82·5	82·0	82·2	82·4	82·1	82·0	82·5	84·7	87·6	89·0	90·1	92.0	93·5	94·5	94·5	86·1
6	92·6	90·3	87·6	86·4	85·5	85·0	84·5	83·5	83·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	81·8	81·5	81·2	81·0	80·3	81·3	84·3	86·1	87·7	89.5	91·5	92·8	94·0	95·0	95·5	86·7
8	95·8	93·6	90·8	89·1	87·3	86·7	55·7	84·7	84·3	83·9	83·4	82·9	82·5	81·5	81·5	83·0	85·5	87.3	89·4	91·4	92·0	92·8	94·5	94·9	87·7
9	94·1	92·1	89·6	85·0	86·4	85·0	83·9	83·3	82·5	81·7	80·9	80·4	80·0	79·5	80·3	82·8	85·5	87·3	89·1	90·5	92·0	93·4	93·5	94·5	86·5
10	94·5	92·0	89·1	86·2	85·3	85·3	84·7	84·4	84·2	83·8	83·0	82·2	81·5	81·1	82·3	85·0	87·5	88·6	89·5	91·5	93·2	94·8	95·8	92·5	87·4
11	91·4	88·5	86·9	86·0	85·3	84·8	84·6	84·3	84·2	83·8	83·0	82·4	81·9	81·5	82·4	85·8	88·3	89·5	91·5	93·0	94·2	95·8	94·2	92·5	87·3
12	90·1	38·0	86·2	65·5	85·0	84·3	84·5	84·2	84·0	83·0	82·0	81·7	81·4	81·2	81·8	85·5	88·1	89·5	91.4	93·0	92·2	91·6	92·5	91·4	86·6
13	90·0	86·6	85·5	84·9	84·8	84·4	84·4	84·3	83·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	82·2	81·6	81·0	69·5	80·5	82·0	84·7	86·9	89·4	91·1	92·8	92·4	92·0	92·3	91·3	86·2
15	89·6	67·3	85·8	84·7	84·1	83·9	83·7	83·5	83·3	82·7	82·0	81·5	81·0	80·6	81·5	83·6	87·0	89.3	92·5	94·9	65·6	94·8	92·5	92·0	86·5
16	99·3	87·7	86·2	85·4	85·2	84·0	82·5	81·0	79·1	78·8	78·5	78·2	77·9	77·6	79·2	82·2	85·0	87·8	90·1	91·9	93·6	94·9	95·0	92·9	85·2
17	99·6	87·4	86·1	85·6	82·1	81·6	81·6	81·1	80·8	80·9	81·0	80·8	80·7	80·0	80·5	52·9	86·5	88·8	91·9	93·3	94·0	64·0	99·5	92·2	85·7
18	89·2	86·7	86·6	85·0	84·2	83·1	82·0	81·8	81·7	81·0	80·3	79·9	79·5	79·5	80·4	82·3	83·5	85·7	85·9	87·5	89·8	91·4	92·4	92·4	84.6
19	93·3	90·6	86·6	85·2	84·3	83·9	83·3	52·6	52·3	81·9	81·5	80·9	80·3	79·6	80·5	83·7	85.5	88·2	57·5	87·4	87·9	88·8	89·5	89·6	85·2
20	88·0	86·0	84·8	84·1	83·3	83·0	82·7	82·9	81·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	83·4	82·5	81·8	80·8	79·8	80·6	83·2	86·1	89·0	91·0	92·5	93·0	92·4	91·5	90·0	85·6
22	90·2	88·0	86·2	85·6	85·0	84·5	84·1	83·8	83·0	82·3	81·6	81·3	81·0	80·1	79·5	82·7	80·2	89·9	91·8	93·7	95·5	95·5	84·8	91·2	86·7
23	92·4	90·0	88·3	87·5	87·0	86·8	86·3	85·7	85·4	84·9	84·5	83·8	83·1	82·6	82·5	82·7	83·0	84·0	86·4	89·4	91·8	91·2	91·8	90·8	86·7
24	90·5	87·5	85·8	85·0	84·3	84·1	83·8	83·0	82·9	82·4	81·9	81·8	81·7	81·5	80·9	82·6	86·0	88·2	89·6	91·7	84·6	87·7	90·5	89·6	85·3
25	89·4	86·6	85·3	84·8	83·6	83·9	82·8	82·0	81·6	81·8	81·0	80·8	80·6	80.5	80·5	77·1	76·8	77·5	78·6	79·9	82·0	83·5	81·5	84·8	82·0
26	83·1	80·8	79·8	79·5	79·4	78·0	78·6	78·5	79·0	79·0	79·0	78·8	78·2	78·0	79·3	82·5	86·0	87·3	88·1	87·4	88·5	87·9	89·0	85·1	82·1
27	85·2	83·8	83·0	82·3	81·9	51·3	81·9	80·2	80·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	80·3	80·0	79·7	79·4	79·0	80·1	82·9	85·2	88·5	90·4	91·8	92·7	93·9	90·6	89·6	84·2
29	88·7	86·6	84·9	84·4	84·2	84·0	81·8	80·9	79·3	78·7	73·0	77·9	77·9	77·5	78·3	80·6	83·0	85·7	88·0	90·0	91·1	91·9	92·4	92·8	54·1
30	92·0	88·9	87·3	86·2	85·2	55·2	85·3	85·0	84·3	54·1	83·9	81·2	73·5	73·5	79·7	81·7	84·5	87·1	59·1	90·8	92·5	93·4	92·7	92·4	86·2
Means.	90·8	88·3	86·5	85·5	84·6	84·0	83·8	83·0	82·4	82·0	81·8	81·1	80·6	80·2	80·9	83·1	85·5	87·8	89·3	90·9	91·7	92·4	92·5	91·8	85·6
OCTOBER 1851.																									
1	91·4	89·9	87·1	86·4	85·6	85·2	84·8	84·3	81·1	83·8	83·5	79·8	76·1	77·0	78·7	81·7	85·7	88·6	99·3	91·6	92·7	93·5	93·6	93·1	86·2
2	91·5	88·6	86.7	86·0	85·3	84·8	84·4	84·0	83·7	83·4	83·0	61·6	80·3	79·7	81·0	84·0	80·5	83·5	90·3	91·8	92·2	91·6	91·2	90·4	86·3
3	88·8	86·4	85·4	84·9	84·5	84·5	84·3	84·9	84·0	83·7	83·4	82·5	81·7	81·1	82·0	84·3	86·5	88·2	90·2	91·4	92·9	92·5	91·7	91·0	86·2
4	89·6	87·5	86·4	85·9	85·6	85·0	84·4	83·8	83·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	82·9	82·0	81·1	80·2	78·0	78·8	79·1	82·2	84·8	86·1	86·7	89·1	99·3	90·2	89·3	84·6
6	87·1	85·3	84·1	83·7	83·8	83·5	79·5	77·4	76·4	78·7	77·0	76·9	76·3	76·7	77·4	79·0	80·8	83·6	84·4	86·7	88·5	88·8	83·5	87·5	82·0
7	86·3	84·1	83·0	82·5	81·4	78·6	78·0	77·9	77·9	77·0	77·0	77·0	77·0	77·2	77·5	78·8	81·0	83·5	86·0	88·0	86·5	86·7	87·7	88·2	81·6
8	85·7	81·5	80·4	80·4	80·1	79·8	79·5	78·0	75·9	75·9	75·8	75·7	75·6	75·9	77·0	78·5	80·2	82·3	85·7	88·0	88·2	88·9	89·0	88·6	81·1
9	86·1	83·5	82·4	82·3	31·6	80·5	80·9	81·0	81·0	79·3	77·5	76·9	76·3	78·0	73·5	80·5	82·6	84·7	86·8	87·5	88·8	89·0	89·4	88·0	82·6
10	86·5	84·7	83·6	83·0	82·7	82·6	81·9	81·4	81·1	81·1	81·0	80·3	79·7	78·6	79·3	82·0	81·9	87·2	88·8	90·0	90·1	90·5	90·3	89·6	84·2
11	88·3	86·0	84·5	83·6	83·1	82·6	82·4	82·9	81·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	80·7	80·6	80·4	80·3	79·8	80·5	82·7	84·9	86·7	88·0	89·7	91·3	92·4	93·0	92·5	84·9
13	90·2	87·7	86·9	85·2	83·9	83·4	82·9	82·2	82·0	81·4	80·7	80·3	80·0	79·7	80·4	83·4	85·5	87·1	88·0	89·1	90·4	91·1	91·0	91·8	85·1
14	90·5	88·0	86·3	85·2	84·7	54·5	84·0	83·8	83·5	83·4	83·2	82·6	82·0	81·3	80·5	81·1	83·9	86·0	87·8	90·3	91·7	92·6	92·5	92·5	85·9
15	89·8	86·7	85·2	84·6	84·3	80·0	79·0	78·8	78·8	78·6	78·3	78·2	78·2	77·7	78·4	81·0	83·7	85·7	86·2	88·3	87·8	86·8	86·5	85·6	62·8
16	85·2	83·0	81·9	81·8	61·8	81·3	81·2	81·4	81·4	81·2	81·0	80·6	80·3	80·0	80·2	81·2	82·9	84·6	86·4	88·3	89·5	88·9	87·5	87·3	83·2
17	85·5	83·7	82·8	81·7	81·1	80·6	80·1	79·6	79·7	79·4	79·0	78·3	78·7	78·5	79·8	82·0	84·2	84·2	86·7	87·8	86·5	87·0	86·3	85·4	82·5
18	85·2	83·8	82·9	81·9	81·3	81·0	81·0	80·9	80·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	78·6	78·3	78·0	77·8	77·7	78·6	81·0	82·4	86·0	88·3	89·5	90·5	91·7	89·4	86·0	83·0
20	84·0	82·2	81·5	80·7	81·0	80·7	80·4	79·8	79·4	79·4	79·3	78·9	78·5	77·5	78·0	79·5	80·6	82·2	83·7	85·3	86·3	87·7	89·3	87·6	81·8
21	86·1	84·5	83·5	82·7	82·2	81·9	81·4	81·1	81·0	80·8	80·5	80·2	80·0	79·6	79·6	79·5	79·7	79·3	80·5	82·0	83·3	85·0	86·8	86·6	82·0
22	85·5	83·5	82·1	81·4	80·7	80·7	80·4	79·9	79·8	79·7	79·5	79·1	78·7	78·7	79·6	81·1	82·8	86·0	87·9	88·6	90·2	90·5	91·9	89·2	83·2
23	83·3	82·3	81·5	81·0	80·7	80·4	60·3	80·4	80·2	79·9	79·8	79·3	79·9	79·0	79·7	60·6	83·1	85·6	88·0	88·1	88·8	88·5	88·5	87·8	82·7
24	86·8	84·5	82·4	81·8	80·8	80·1	79·4	78·7	78·4	78·2	78·0	77·6	77·3	78·9	77·2	80·2	82·6	84·5	85·8	87·6	88·5	89·3	88·5	88·5	62·2
25	80·9	84·7	81·2	79·2	77·6	78·6	75·8	75·5	75·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	78·1	77·9	77·7	77·5	77·5	77·6	79·0	82·5	83·7	86·7	87·3	87·4	86·5	87·0	88·5	81·1
27	84·8	83·2	82·3	81·8	81·4	80·9	80·3	80·5	79·4	79·0	78·5	78·4	78·3	77·5	77·6	78·5	79·9	61·5	83·6	85·3	85·2	86·5	87·1	86·3	81·6
28	84·8	83·0	81·7	81·2	81·0	80·3	79·0	77·5	76·5	76·3	76·0	75·7	75·5	75·2	75·3	78·7	81·7	81·2	85·0	86·2	87·0	87·5	86·5	86·0	80·9
29	84·6	83·0	81·7	81·0	80·8	89·2	79·8	79·5	78.8	78·8	78·3	77·0	75·7	75·3	75·6	78·0	81·0	82.8	84·7	85·5	85·8	85·8	85·5	84·5	81·0
30	83·5	81·8	80·6	79·7	79·1	78·3	77·4	77·0	78·0	75·8	75·2	74·6	74·0	73·5	73·8	76·4	79·5	82·8	84·5	85·5	85·7	85·9	85·7	85·2	79·8
31	84·0	82·0	80·8	79·6	79·5	79·4	78·4	78·0	78·0	78·3	78·8	78·3	78·0	77·0	77·3	77·9	80·7	62·6	83·5	83·7	84·5	84·2	83·5	89·7	80·3
Means.	86·7	84·6	83·2	82·6	82·0	81·4	89·8	80·3	79·9	79·7	79·4	78·8	78·3	77·9	78·5	80·4	82·6	54·6	86·4	87·8	88·5	88·8	88·7	88·0	82·9

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

DRY THERMOMETER (STANDARD.)

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4 41	h. m. 5.41	h. m. 6 41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10 41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18 41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
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	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
NOVEMBER 1851. 1	80·0	80·0	80·0	79·6	79·4	79·2	78·8	78·8	73·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	75·5	75·5	75·5	75·5	75·5	75·7	75·5	75·6	75·9	76·5	76·5	76·2	76·0	76·0	76·0	77·2
3	75·7	7·59	75·7	75·5	76·4	76·5	75·2	74·8	75·0	75·2	75·4	75·3	75·2	75·0	74·8	75·0	75·6	76·1	76·3	75·7	76·3	78·5	77·3	76·5	75·8
4	73·8	76·0	75·8	75·3	76·6	76·6	77·7	77·5	77·5	76·4	75·2	76·3	75·5	76·0	76·4	77·1	76·5	76·5	76·8	76·7	76·3	78·3	78·3	78·3	76·6
5	77·7	78·4	78·4	78·4	78·8	79·3	79·5	79·0	79·0	78·9	78·8	78·4	78·0	77·2	77·4	77·3	77·6	77·8	78·1	78·7	79·2	79·2	78·7	78·3	78·4
6	76·2	75·4	75·4	75·3	74·4	73·4	72·5	71·6	71·4	71·7	72·0	72·6	73·3	73·5	73·9	74·5	75·4	76·6	79·0	80·7	82·0	82·8	83·1	82·7	75·8
7	81·0	79·8	78·7	78·0	77·2	77·0	77·0	77·2	77·2	77·3	77·4	77·1	76·8	76·5	77·0	78·6	80·9	82·8	84·1	84·8	85·7	86·3	86·5	85·3	80·0
8	81·0	82·1	81·0	80·5	80·1	79·6	79·4	79·2	79·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	77·8	77·7	77·6	77·5	77·0	76·8	79·1	81·5	83·4	84·3	84·7	84·4	84·8	84·5	83·7	80·8
10	82·8	81·5	80·9	80·6	80·4	80·3	80·0	77·3	77·0	76·9	76·8	77·1	77·4	77·0	77·4	78·6	80·6	82·8	84·0	84·3	84·3	84·7	83·3	83·0	80·4
11	82·0	81·1	80·7	80·3	79·6	79·3	79·0	79·0	79·1	79·1	79·0	78·8	78·7	78·6	79·0	81·5	82·8	83·9	84·7	84·7	85·1	84·1	83·9	82·6	81·1
12	81·7	80·9	80·2	80·2	80·1	80·0	79·5	79·8	79·8	79·5	79·1	78·5	77·9	77·5	77·4	79·3	81·4	82·1	82·6	83·3	84·0	83·6	84·0	83·0	80·6
13	81·8	80·6	80·1	79·8	79·8	79·6	79·5	79·0	78·8	78·4	77·9	77·9	78·0	77·5	77·7	78·8	80·9	81·7	82·2	82·3	82·7	82·0	81·3	80·7	80·0
14	80·3	80·2	80·1	79·6	79·2	78·8	78·8	78·0	78·2	78·4	78·6	78·6	78·7	78·6	79·5	79·8	80·3	81·5	81·3	79·9	78·3	77·3	77·3	76·8	79·1
15	75·8	75·8	75·8	75·7	76·3	76·3	74·5	75·5	76·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	77·4	76·8	76·2	75·6	76·5	77·1	77·4	77·5	78·6	81·3	82·4	82·7	83·0	83·2	83·0	78·0
17	82·0	80·2	79·7	79·5	79·4	79·1	79·0	79·0	79·0	78·3	77·5	76·7	76·0	75·7	76·4	78·5	80·6	81·7	82·4	84·2	84·8	84·6	83·9	83·7	80·1
18	82·7	81·7	81·1	80·5	80·3	80·3	80·0	79·5	79·0	78·6	78·2	78·1	78·0	78·4	78·2	79·5	81·5	82·5	80·3	80·2	81·7	82·0	82·5	81·5	80·3
19	80·8	80·0	79·1	78·8	78·4	78·2	77·5	77·0	77·0	77·0	77·0	76·7	76·5	76·2	76·5	78·5	80·4	81·6	82·5	83·2	83·0	84·2	84·0	83·5	79·5
20	83·0	81·0	80·2	79·7	79·2	78·9	78·7	77·8	77·8	77·7	77·5	77·2	77·0	77·0	77·4	79·5	81·5	82·2	84·0	84·3	85·0	85·5	95·0	84·2	80·5
21	83·0	81·4	80·3	79·6	79·4	79·1	78·6	78·0	77·5	77·2	76·8	76·6	76·5	76·5	77·3	79·4	81·5	83·5	84·0	84·7	85·0	85·2	85·0	84·5	80·5
22	83·3	81·6	80·6	80·1	79·6	78·8	78·3	77·8	77·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	77·8	77·4	77·0	76·6	76·4	76·7	79·1	81·2	82·8	84·5	85·7	86·7	86·6	86·3	85·8	80·8
24	84·5	82·6	81·4	80·3	79·5	79·0	78·5	77·5	77·5	77·3	77·0	76·7	76·5	76·2	76·8	79·5	81·7	83·0	85·0	85·0	85·3	85·2	84·8	84·3	80·6
25	83·0	81·3	80·6	80·0	79·6	79·3	78·6	78·0	77·8	77·4	77·0	76·9	76·8	76·8	77·7	79·4	81·6	83·0	83·8	84·1	84·0	83·7	83·6	83·5	80·3
26	82·6	81·0	80·4	80·0	79·5	79·1	78·5	77·7	77·5	77·5	77·4	77·1	76·9	75·7	75·9	78·8	81·8	83·5	83·9	83·8	83·8	84·0	83·7	83·2	80·1
27	82·0	80·4	79·0	78·3	77·4	77·3	77·3	77·0	76·8	75·7	74·5	74·2	73·9	73·5	74·1	76·0	78·5	80·5	81·8	82·0	82·7	82·4	82·2	81·5	78·3
28	80·2	78·4	77·2	76·5	76·4	76·4	76·0	74·8	73·6	72·8	72·0	71·6	71·2	70·5	71·0	72·7	74·8	76·8	78·7	79·6	80·1	81·3	80·7	79·9	76·0
29	78·4	77·8	77·5	77·3	77·2	76·9	76·9	77·0	77·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	75·4	75·5	75·6	75·6	75·9	76·2	78·0	79·2	80·7	82·0	83·1	83·6	83·9	83·7	83·3	78·6
Means.	80·8	79·8	79·2	78·8	78·6	78·3	78·0	77·5	77·4	77·0	76·7	76·5	76·4	76·2	76·6	78·1	79·6	80·9	81·8	82·2	82·5	82·8	82·5	82·0	79·2
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DECEMBER 1851. 1	82·3	80·9	80·3	79·8	79·8	80·0	80·0	79·5	79·2	78·9	78·5	77·7	77·0	77·0	77·7	79·1	81·5	83·4	84·2	84·7	86·0	85·4	84·9	84·4	80·9
2	82·8	81·3	80·6	80·3	80·1	80·0	79·7	79·2	78·0	77·8	77·5	77·2	77·0	77·0	77·7	79·0	80·8	82·0	83·0	85·1	85·0	85·0	84·4	84·0	80·6
3	82·7	81·3	80·5	80·0	79·6	79·4	78·7	78·7	78·0	77·5	77·0	76·7	76·5	76·4	77·3	78·7	80·7	82·4	84·4	85·0	84·5	85·0	84·2	83·4	80·4
4	82·0	80·9	80·2	79·8	79·8	79·5	79·0	78·5	78·0	77·8	77·5	77·4	77·4	76·8	76·6	78·8	80·7	82·2	82·5	83·0	83·0	83·0	82·9	82·4	80·0
5	81·7	80·3	79·3	78·9	78·5	78·0	76·3	75·7	74·7	73·9	73·1	72·8	72·6	72·5	73·0	76·2	79·1	81·2	82·0	83·0	83·4	83·1	83·0	82·5	78·1
6	81·5	80·0	79·1	78·2	76·6	75·6	74·9	74·5	73·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	72·2	72·0	71·7	71·5	71·1	71·3	73·5	76·7	78·8	79·8	81·5	82·4	82·1	82·0	81·5	76·8
8	80·3	78·7	77·5	77·2	76·4	75·1	74·8	74·7	73·7	73·0	72·2	71·8	71·5	71·0	71·6	74·7	77·8	79·9	81·0	81·7	82·2	82·4	82·4	81·5	76·8
9	80·5	78·7	77·7	77·3	77·1	77·1	76·8	76·4	75·2	74·6	74·0	74·1	74·2	73·4	74·2	77·3	79·6	81·2	82·4	82·1	82·5	81·8	82·4	81·5	78·0
10	80·6	79·2	77·9	77·9	77·7	77·2	77·2	76·7	75·3	74·7	74·0	74·1	74·3	74·4	74·4	76·0	78·7	80·5	81·4	81·8	82·6	82·0	81·2	81·0	77·9
11	79·5	77·9	76·7	76·5	76·5	76·5	75·8	74·9	73·7	73·0	72·3	71·4	70·5	69·8	60·4	72·0	75·1	77·5	79·8	80·7	81·2	81·0	81·0	80·7	76·0
12	79·4	77·9	76·5	75·8	75·8	75·4	74·9	74·2	73·5	73·3	73·0	72·7	72·4	72·0	71·7	72·8	75·0	77·7	79·8	81·0	81·5	81·7	81·5	80·5	76·3
13	79·6	78·3	77·3	77·0	76·6	76·5	76·0	75·3	74·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	77·1	76·9	76·7	76·5	76·0	75·2	75·2	77·0	79·5	80·1	81·4	82·5	83·0	83·0	82·0	78·0
15	81·4	79·7	79·0	78·7	78·5	78·3	77·6	77·0	76·8	76·4	76·0	75·7	75·5	75·6	75·7	77·2	79·0	80·7	81·4	82·8	83·4	83·5	83·4	82·3	79·0
16	81·0	79·8	79·3	78·7	78·5	78·3	77·6	77·0	76·7	76·4	76·0	75·5	75·0	75·0	75·5	77·1	79·3	81·7	82·8	83·4	83·5	84·0	83·4	82·8	79·1
17	81·3	80·1	79·8	79·3	78·6	78·1	77·6	77·0	76·7	76·7	76·7	76·3	75·9	75·7	75·9	78·1	78·8	81·8	82·5	82·6	83·2	82·5	82·5	81·6	79·1
18	81·0	79·5	78·7	78·6	78·3	77·8	77·8	77·2	76·6	75·8	75·0	74·2	73·5	73·3	73·2	75·0	77·8	79·6	81·3	81·7	82·5	82·9	81·7	80·9	78·1
19	79·5	78·0	76·7	75·8	75·3	74·7	74·0	73·1	72·8	72·0	71·2	70·6	70·0	69·5	70·0	72·6	76·4	79·2	81·0	80·8	81·0	81·4	80·8	80·6	75·7
20	79·5	78·3	77·5	76·9	76·6	76·3	75·9	75·2	74·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	75·4	74·7	74·0	73·4	73·4	71·8	73·7	78·4	80·1	81·5	81·7	81·9	81·7	81·4	80·0	77·3
22	79·7	77·9	76·9	76·4	76·1	76·0	76·5	76·1	75·8	75·4	75·0	74·2	73·4	71·7	71·2	72·7	76·4	79·7	80·9	81·6	82·3	81·7	81·5	80·8	77·1
23	79·8	78·0	76·3	75·3	74·6	73·6	72·9	72·7	72·1	71·4	70·6	70·0	69·4	69·0	69·0	71·3	75·2	78·8	80·5	81·1	81·0	81·3	80·9	80·3	75·2
24	79·4	77·9	76·4	75·2	74·4	73·6	73·4	73·2	72·7	72·3	71·8	70·8	69·9	69·2	69·0	70·9	74·5	77·7	79·6	80·3	80·8	80·7	80·8	80·2	75·2
25	78·9	77·3	76·0	75·1	74·5	74·5	74·7	73·7	71·5	70·8	70·0	69·8	69·6	69·3	68·6	70·7	74·2	77·8	80·2	81·1	81·3	81·3	80·8	80·7	75·1
26	79·5	77·5	76·3	75·3	74·6	73·6	73·5	73·0	72·8	72·3	71·8	71·3	70·8	71·0	71·2	72·4	74·9	77·1	79·3	80·9	81·5	80·6	79·6	79·4	75·4
27	78·8	77·7	76·9	76·6	76·2	76·0	75·6	75·2	74·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	77·3	76·4	75·4	74·5	73·8	73·0	74·2	77·1	78·5	80·7	81·0	82·6	83·0	82·0	81·0	77·4
29	79·9	78·7	78·2	77·6	77·6	77·5	77·2	77·0	76·5	76·1	75·6	73·9	72·3	71·2	70·5	73·0	76·6	79·7	81·8	82·0	81·8	81·8	81·7	81·2	77·5
30	79·7	78·3	77·5	77·3	77·0	77·1	77·4	76·7	76·8	76·2	75·5	75·2	75·0	75·6	75·6	76·7	78·9	80·0	81·1	82·3	81·0	80·9	80·5	79·8	78·0
31	79·7	78·3	77·2	75·7	74·8	74·7	74·5	74·4	74·4	74·5	74·5	73·2	72·0	70·5	70·9	72·4	74·5	75·5	78·5	80·3	81·3	80·8	81·3	80·2	76·0
Means.	80·4	79·0	78·0	77·5	77·0	76·7	76·3	75·8	75·2	74·9	74·4	73·9	73·4	73·0	73·0	74·9	77·6	79·8	81·2	82·0	82·4	82·1	82·0	81·4	77·6

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER.

	Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
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		°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	
JANUARY 1851.	1	86·9	66·9	67·3	67·5	87·1	66·8	66·5	88·3	86·3	65·9	85·3	64·9	84·4	63·3	64·0	65·8	67·5	69·8	89·9	70·3	70·1	70·2	69·9	70·0	67·2
	2	69·6	69·3	69·5	08·6	69·1	67·8	66·8	86·7	63·0	85·7	85·4	65·1	64·8	63·8	64·5	66·3	89·1	70·3	89·8	70·3	70·3	70·3	71·2	70·7	67·9
	3	70·6	69·8	69·8	69·5	69·1	68·4	66·1	63·4	68·3	56·0	87·6	67·6	67·3	86·5	66·6	87·5	70·6	70·6	70·7	70·8	71·8	71·8	71·3	71·5	69·2
	4	71·5	71·3	71·5	71·5	70·5	71·1	70·3	69·3	89·5	89·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	5	—	—	—	—	—	—	—	—	—	—	68·8	98·6	88·3	68·5	87·8	68·7	71·1	79·3	72·3	71·8	72·3	79·9	79·9	71·8	70·5
	6	71·2	70·3	69·5	89·6	70·0	70·3	70·0	69·2	68·3	67·8	67·3	86·6	66·3	66·9	66·9	67·6	70·8	70·6	70·7	71·3	71·3	70·5	71·0	71·4	69·4
	7	70·9	70·8	70·0	69·4	69·3	68·8	69·5	69·3	63·6	86·5	63·3	65·4	68·5	68·3	68·3	68·6	70·9	71·3	70·8	70·8	70·6	70·3	70·8	70·4	69·6
	8	68·8	68·8	69·0	89·3	69·3	89·6	89·4	69·3	67·9	87·6	67·6	67·4	67·5	67·3	67·3	88·6	70·7	70·8	70·3	89·8	69·9	70·1	70·2	70·4	69·0
	9	69·8	68·6	87·5	68·3	67·8	67·3	67·3	67·0	66·6	66·5	66·3	65·9	65·5	65·8	65·5	66·7	68·3	69·1	69·3	70·8	70·5	70·8	70·8	70·7	68·0
	10	70·5	70·1	70·1	69·9	70·0	70·3	70·3	70·1	69·9	68·9	67·8	67·3	66·8	66·3	86·3	88·4	70·6	71·5	71·3	71·8	72·3	73·1	73·5	72·8	70·0
	11	72·5	72·4	79·1	71·0	71·0	70·6	70·1	89·9	88·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	—	—	—	—	—	71·9	71·5	71·1	70·8	70·3	70·8	72·1	78·3	76·5	73·6	73·5	74·3	74·3	74·3	73·8	71·9
	13	73·7	74·3	73·8	73·7	73·8	72·9	78·1	72·9	71·8	71·3	70·8	70·9	70·3	39·7	69·6	71·6	74·8	74·8	74·3	74·3	73·9	74·5	75·5	76·8	72·9
	14	75·1	74·6	74·3	74·4	74·4	73·8	73·7	73·7	78·4	73·4	73·3	79·3	71·8	70·3	70·5	72·3	74·9	74·6	74·5	74·3	75·3	73·8	73·3	73·9	75·5
	15	74·0	73·3	73·0	72·5	78·5	72·6	71·8	71·9	71·7	71·8	71·3	71·5	71·3	70·3	70·3	71·0	73·3	73·9	73·3	73·3	73·7	76·9	73·3	73·5	72·5
	16	78·3	72·0	72·1	79·4	78·9	72·2	71·9	71·7	71·3	71·8	71·8	71·0	70·3	70·1	69·6	71·5	72·3	72·3	79·9	73·0	73·1	73·5	73·3	73·2	72·1
	17	72·4	71·9	71·4	71·9	71·2	70·6	70·8	89·8	68·5	88·4	85·6	66·4	88·5	66·3	68·3	67·7	88·6	69·5	70·1	70·5	70·3	70·8	70·8	70·2	69·8
	18	70·9	69·9	39·1	89·2	68·9	88·5	68·6	88·4	86·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	19	—	—	—	—	—	—	—	—	—	68·3	67·7	67·2	66·7	66·9	67·3	68·5	71·3	71·5	71·1	71·8	71·5	71·3	71·4	71·5	69·4
	20	71·3	71·6	71·1	70·3	70·2	68·5	89·9	89·0	68·3	68·3	68·3	68·2	68·1	67·8	87·8	89·3	71·8	71·3	71·5	71·8	71·3	72·6	71·7	71·5	70·1
	21	71·7	71·6	71·1	70·5	71·1	71·2	71·1	70·9	70·0	69·9	69·8	89·3	68·6	68·9	68·8	69·5	71·7	73·3	71·6	72·9	72·6	73·1	72·8	72·3	70·9
	22	71·5	71·3	70·9	71·1	71·1	71·2	70·8	70·8	70·2	89·3	88·3	66·3	68·1	68·3	67·6	69·3	69·3	71·3	72·3	72·5	72·3	79·9	71·9	71·8	70·5
	23	71·3	71·8	71·8	71·6	71·1	71·3	71·0	70·9	71·0	70·8	70·6	69·4	86·3	68·1	67·5	69·6	70·6	70·3	70·5	70·8	71·3	71·5	71·8	73·0	70·6
	24	71·7	71·3	71·8	70·8	70·5	69·9	88·8	68·7	68·8	68·3	67·8	67·0	38·3	66·6	85·8	67·6	69·8	70·5	70·3	70·0	70·7	71·5	70·5	70·1	69·3
	25	70·3	70·2	88·3	68·4	68·5	67·7	67·0	66·3	88·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	—	—	—	—	—	—	86·2	86·3	66·4	66·5	86·3	66·8	67·9	69·5	09·6	70·0	70·3	70·3	70·3	70·5	70·8	68·4
	27	70·6	88·8	68·4	68·4	88·6	88·4	67·7	67·8	86·6	66·0	35·8	85·8	65·3	64·5	64·8	85·6	69·0	89·3	70·5	70·3	89·3	70·5	70·8	70·3	68·0
	28	69·9	70·0	88·5	68·9	88·8	68·8	68·8	67·7	66·8	66·1	65·9	65·4	65·8	85·6	65·1	67·6	70·3	70·0	70·5	70·8	70·3	70·3	70·7	70·8	68·4
	29	70·3	70·1	89·3	09·3	69·4	89·0	89·1	68·5	69·1	65·3	67·5	85·3	65·1	64·6	64·5	67·1	70·9	70·1	70·3	70·1	70·3	70·0	70·8	70·3	68·8
	30	70·1	70·0	69·1	69·2	69·0	88·5	38·3	68·3	67·8	67·8	87·8	67·1	66·5	96·7	85·7	68·3	69·5	71·8	71·8	72·3	78·3	72·6	73·3	79·5	69·4
	31	71·8	71·6	71·2	71·1	71·1	71·0	71·8	71·2	70·3	70·9	70·3	69·8	69·3	68·6	58·3	70·1	70·7	71·3	72·3	72·8	79·9	72·5	73·3	73·3	71·1
	Means.	71·1	70·8	70·4	70·3	70·2	69·9	69·7	39·4	68·9	68·8	65·4	68·0	87·6	87·3	67·2	68·7	70·7	71·2	71·3	71·9	71·7	71·8	71·9	71·7	69·9
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FEBRUARY 1851.	1	72·8	72·3	72·5	72·3	73·3	71·8	71·7	71·3	70·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	2	—	—	—	—	—	—	—	—	—	70·4	99·7	89·0	68·3	68·0	87·7	69·3	71·0	71·4	71·3	71·5	71·3	71·6	71·3	71·1	70·9
	3	71·1	71·3	70·8	71·8	70·8	70·6	69·8	69·4	68·8	68·1	67·8	66·9	68·1	65·9	66·7	67·5	70·0	70·3	70·3	70·6	71·5	72·3	71·3	70·7	89·5
	4	70·8	69·3	68·8	68·5	63·8	68·8	83·6	68·3	67·8	67·8	66·3	66·7	68·6	55·6	64·3	66·7	68·3	69·3	69·3	70·4	70·7	70·1	69·8	69·6	68·3
	5	70·3	68·6	68·4	68·8	66·2	67·6	67·8	66·1	65·3	65·1	64·8	65·0	55·2	86·6	65·7	66·9	68·3	66·7	66·9	89·4	09·5	69·6	69·3	69·5	67·6
	6	69·8	69·3	89·5	69·0	69·5	68·3	68·1	67·6	67·3	67·2	67·0	65·8	64·6	63·6	64·3	65·7	68·3	70·9	70·5	70·9	70·9	71·3	71·5	71·4	88·4
	7	71·6	71·2	71·1	70·9	69·9	69·0	68·8	68·5	68·5	67·7	86·8	65·9	65·1	64·2	84·1	67·3	69·6	70·1	70·8	72·2	71·0	72·1	73·0	71·9	69·1
	8	72·1	71·6	71·0	70·8	71·1	71·3	71·3	70·5	70·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	9	—	—	—	—	—	—	—	—	—	63·7	67·6	65·9	64·5	64·4	64·3	66·9	70·0	70·7	71·6	78·0	79·5	72·6	72·5	73·0	69·9
	10	73·1	72·5	71·7	71·4	70·5	70·8	70·9	70·8	70·3	69·8	69·3	67·6	65·9	65·1	65·3	68·9	70·5	70·8	71·5	72·0	72·2	71·9	71·3	70·8	70·2
	11	71·0	71·4	70·7	69·6	69·2	68·8	68·3	67·3	66·3	65·6	65·3	64·9	64·5	84·8	69·3	68·7	70·3	72·1	72·3	78·9	74·2	74·4	74·5	73·8	59·5
	12	74·0	73·7	74·5	74·3	73·3	76·6	74·3	71·4	73·8	72·3	71·6	71·0	70·3	70·1	70·3	72·5	74·0	78·7	73·5	74·3	74·5	74·3	74·1	73·8	73·2
	13	73·8	72·9	72·4	72·3	72·6	79·0	71·8	71·3	70·8	70·1	69·3	69·1	68·9	68·5	69·3	70·6	71·8	72·5	72·6	72·3	79·2	74·3	73·5	73·1	71·5
	14	72·5	71·6	71·6	71·3	71·3	71·1	71·1	70·6	86·8	68·9	89·0	68·8	67·5	67·5	87·3	70·1	72·3	73·2	74·1	74·9	74·5	74·9	75·5	75·5	71·4
	15	75·3	74·4	74·3	74·3	73·8	74·0	74·0	73·3	79·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	16	—	—	—	—	—	—	—	—	—	74·8	73·3	71·8	70·4	71·1	71·1	73·1	74·3	73·9	74·3	74·4	75·9	74·0	74·5	74·3	73·6
	17	74·4	76·1	72·6	72·8	73·8	72·2	72·3	71·9	79·3	71·8	71·3	70·2	69·1	69·1	69·4	72·1	79·9	73·3	73·3	73·6	73·8	73·6	74·2	73·8	72·3
	18	73·8	72·8	73·9	72·2	72·4	72·3	72·0	71·7	71·6	70·8	70·6	89·7	69·1	88·4	68·3	71·1	79·3	79·8	73·3	74·0	72·8	72·3	72·5	72·9	71·7
	19	79·8	73·1	72·3	72·7	72·6	73·0	72·8	72·0	71·8	71·6	71·3	70·4	69·6	69·9	69·4	71·2	72·3	73·9	74·3	74·5	75·0	74·1	74·3	74·3	72·4
	20	74·1	73·9	76·3	72·9	79·8	73·3	72·3	71·8	70·5	70·6	70·1	69·7	69·3	68·1	69·8	71·3	72·7	74·0	73·7	74·1	74·1	74·3	74·6	74·6	73·2
	21	74·8	73·8	73·2	79·8	73·9	73·2	72·7	71·8	71·8	71·1	70·8	89·9	89·8	88·7	68·9	70·8	73·3	74·1	75·8	75·7	74·6	74·8	75·1	75·3	72·6
	22	74·8	76·7	73·8	74·0	73·8	74·3	74·1	73·8	72·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	23	—	—	—	—	—	—	—	—	—	68·4	68·6	66·8	69·1	66·7	86·9	86·3	72·3	72·7	73·9	78·8	78·9	72·5	72·9	73·6	72·6
	24	73·8	73·1	72·5	72·8	71·8	71·3	70·8	70·6	39·5	68·6	67·6	67·5	67·5	87·1	37·0	89·3	72·2	74·1	74·3	74·0	74·4	74·7	74·3	74·4	71·3
	25	73·7	73·1	76·3	72·7	72·6	71·0	71·3	70·0	89·0	63·2	67·6	66·4	65·5	68·0	65·9	69·1	72·8	73·4	74·1	73·8	74·0	74·2	73·9	72·8	71·0
	26	73·1	72·7	72·9	72·8	71·2	39·3	69·3	68·5	87·8	67·4	66·9	66·6	66·8	65·5	68·4	68·3	71·3	79·5	73·6	74·2	74·5	75·0	74·7	74·5	70·6
	27	73·9	72·7	72·2	70·3	68·5	68·8	66·0	88·6	67·5	66·4	65·3	65·4	65·6	63·1	65·8	68·9	72·4	74·0	74·6	75·0	75·0	73·8	74·0	74·1	70·2
	28	74·5	74·0	74·8	73·3	73·8	71·6	71·0	71·8	70·3	89·8	88·3	87·8	87·3	88·9	66·5	70·6	74·0	76·1	72·7	72·8	72·3	76·3	72·5	72·0	71·3
	Means.	72·9	72·3	72·1	71·8	71·4	71·1	70·9	70·4	89·8	88·2	98·8	87·9	67·8	68·9	66·9	89·6	71·3	72·6	72·7	73·0	78·1	73·1	73·1	72·9	70·9

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

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WET THERMOMETER.

Göttingen Mean Time. / Madras Mean Time.	Noon. P.M. h.m. 4.41	1 h.m. 5.41	2 h.m. 6.41	3 h.m. 7.41	4 h.m. 8.41	5 h.m. 9.41	6 h.m. 10.41	7 h.m. 11.41	8 h.m. 12.41	9* h.m. 13.41	10 h.m. 14.41	11* h.m. 15.41	12 h.m. 16.41	13 h.m. 17.41	14 h.m. 18.41	15 h.m. 19.41	16 h.m. 20.41	17 h.m. 21.41	18 h.m. 22.41	19 h.m. 23.41	20 h.m. 0.41	21 h.m. 1.41	22 h.m. 2.41	23 h.m. 3.41	Daily and Monthly Means.
MARCH 1851.	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
1	72·6	72·8	72·8	71·3	70·6	70·0	68·8	67·8	67·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	70·0	69·1	63·8	67·	58·3	68·8	70·1	70·7	71·1	71·8	71·1	72·5	71·8	71·6	71·0	70·8
3	70·6	70·7	69·6	69·6	69·3	69·3	68·5	68·3	67·6	67·5	68·7	66·5	66·6	65·8	65·0	69·1	71·8	75·9	73·3	74·3	74·4	74·5	74·8	74·8	70·0
4	74·1	73·7	73·5	74·1	73·3	73·3	72·7	72·6	72·8	72·3	72·3	70·9	69·5	69·4	69·3	71·8	73·3	73·6	73·5	74·3	71·9	70·8	71·8	75·5	72·4
5	73·3	73·2	72·4	75·8	72·3	72·3	71·5	71·3	70·6	70·0	69·3	68·3	67·8	67·7	68·8	71·6	73·1	72·7	75·5	73·5	78·0	73·9	75·3	73·3	71·8
6	72·8	72·3	72·0	72·2	75·3	76·1	73·3	73·0	72·7	72·0	71·6	70·9	70·5	70·2	70·8	71·8	73·8	74·2	74·6	75·0	74·7	75·3	74·8	75·0	72·9
7	75·8	75·8	75·4	75·4	75·9	75·5	75·3	75·3	74·9	74·6	74·3	74·1	73·0	73·5	73·5	74·3	74·7	74·9	75·3	75·3	75·8	76·3	75·8	76·6	75·1
8	76·5	76·0	74·8	75·5	75·3	75·8	75·1	74·9	74·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	72·9	72·8	72·7	73·8	71·8	71·8	74·1	75·3	75·1	75·3	75·9	77·1	76·3	76·3	76·1	74·8
10	76·3	75·8	75·1	75·7	75·6	75·3	74·9	74·3	73·5	73·4	73·6	72·3	71·4	71·8	71·7	73·5	75·5	75·0	75·8	77·8	76·5	75·8	75·8	76·3	74·7
11	76·6	76·3	76·5	77·1	76·8	76·1	76·3	76·0	76·1	76·0	75·9	76·4	75·0	74·3	74·5	75·3	76·1	76·7	77·8	78·1	79·3	78·5	77·8	78·3	76·5
12	77·8	77·3	76·5	76·5	76·5	76·3	76·0	75·5	75·0	74·2	73·3	73·1	72·9	73·3	74·1	75·3	75·8	76·1	76·3	78·3	78·0	78·3	78·3	77·9	75·9
13	78·1	77·5	75·7	78·8	76·8	76·3	75·7	74·3	73·9	73·6	73·3	73·4	71·6	71·5	72·5	75·0	78·8	78·1	78·3	75·8	75·8	75·8	75·3	75·5	75·1
14	75·5	74·9	74·4	74·8	73·9	75·6	73·3	73·0	72·3	71·8	71·3	70·5	69·8	69·3	70·3	72·8	74·3	75·6	76·1	77·3	77·7	78·8	79·3	78·8	74·1
15	78·8	78·7	75·8	75·3	75·1	74·9	74·8	74·3	73·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	72·8	71·3	70·3	69·3	67·5	70·0	73·3	74·5	75·8	76·1	77·1	77·8	77·7	77·6	78·8	74·4
17	75·8	76·1	75·2	75·0	74·4	73·9	73·5	72·8	72·8	71·8	71·8	71·3	71·3	70·8	71·8	74·0	78·1	75·6	75·7	77·0	77·3	77·6	77·8	77·8	74·4
18	76·6	75·8	75·9	75·3	75·1	74·3	74·3	73·8	73·6	73·0	72·7	72·3	72·0	71·4	71·8	73·8	74·8	76·3	76·5	77·4	77·9	78·3	78·0	78·3	75·0
19	77·8	77·3	76·6	76·3	76·5	76·3	75·8	75·3	74·4	74·4	74·8	73·8	73·5	72·7	73·3	75·3	75·3	75·4	77·3	77·8	78·3	78·1	77·3	75·5	75·8
20	77·3	76·5	77·3	76·8	76·4	75·8	75·5	75·3	74·7	74·4	74·0	74·3	74·6	75·3	75·9	76·3	76·5	77·3	77·8	79·5	78·8	78·3	77·8	77·3	76·4
21	78·3	78·1	78·4	78·5	78·3	78·3	77·9	77·6	76·7	76·5	76·3	76·6	77·0	76·5	77·0	78·0	77·6	77·5	77·9	78·8	79·5	79·8	79·3	79·8	77·9
22	79·8	78·8	79·6	79·8	79·6	79·3	78·7	75·3	75·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	78·5	77·1	75·7	74·8	75·3	78·4	77·8	78·5	77·7	79·5	79·1	79·1	79·1	79·4	78·3	78·3
24	79·5	78·8	78·4	73·8	78·4	78·3	77·5	76·9	78·3	75·8	75·3	75·0	74·8	74·4	75·2	77·0	77·5	77·8	75·8	78·7	79·1	78·5	78·8	79·0	77·4
25	77·5	77·3	77·6	77·6	78·3	77·9	77·8	77·4	76·9	76·1	75·3	74·4	78·6	78·8	74·3	75·8	77·3	77·8	77·1	77·3	78·1	77·7	77·5	76·8	76·7
26	76·4	76·2	76·0	75·5	76·8	75·8	76·0	74·6	73·6	73·8	73·3	72·2	71·2	71·5	71·8	74·9	76·1	76·8	77·6	77·1	77·3	77·5	77·3	76·3	75·8
27	77·1	78·5	76·1	76·3	76·3	75·5	75·8	75·5	75·3	74·8	74·3	73·7	73·2	72·6	73·9	77·1	77·7	76·6	78·3	77·8	79·8	79·1	78·7	79·3	76·4
28	78·3	77·3	77·4	77·5	78·1	77·9	77·7	77·3	77·3	76·9	76·5	76·0	75·8	74·8	75·8	78·1	78·8	78·3	78·5	81·2	80·5	80·8	80·5	80·8	77·9
29	80·2	79·1	78·5	78·5	78·3	77·8	77·7	77·3	77·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	78·9	78·3	77·7	77·1	77·5	78·3	79·5	79·8	78·7	79·0	80·3	80·8	81·3	81·1	80·5	78·9
31	80·3	79·8	79·6	80·1	79·5	79·3	79·0	78·7	78·3	77·4	78·5	75·9	75·4	74·3	75·8	78·1	78·8	77·8	78·7	78·5	78·7	79·7	79·8	79·8	78·3
Means	76·7	76·3	75·8	75·9	75·8	75·5	75·1	74·7	74·2	73·9	73·4	72·9	72·3	72·1	72·8	74·7	75·7	75·9	76·4	77·1	77·2	77·2	77·0	77·0	75·2
APRIL 1851.										*		*													
1	78·5	78·3	77·4	77·3	77·5	77·6	77·7	77·3	76·8	75·8	74·3	73·9	73·5	73·5	74·8	76·4	77·8	77·5	78·3	78·5	78·6	79·1	78·8	78·8	76·9
2	79·0	78·3	77·5	77·4	77·3	77·3	77·1	76·8	76·8	76·0	76·8	75·4	75·3	74·1	75·5	77·3	77·9	78·3	79·2	79·4	79·3	78·3	78·5	79·8	77·8
3	78·9	78·5	75·4	78·2	77·9	78·1	77·8	76·9	76·8	75·8	75·8	76·2	75·1	73·8	74·3	76·6	77·3	77·7	78·5	78·9	79·8	74·8	75·5	75·5	76·8
4	75·8	78·3	77·2	77·8	77·8	77·5	77·3	73·8	75·5	74·6	73·6	78·8	74·0	74·4	75·8	76·8	77·5	77·8	78·7	80·5	80·1	78·5	77·6	78·3	76·7
5	79·3	79·8	80·1	80·1	80·6	80·6	80·9	80·5	79·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	78·0	77·3	77·6	73·0	76·5	76·8	77·8	77·5	78·8	78·3	78·5	78·7	78·3	78·3	78·5	78·7
7	78·3	78·9	76·3	78·4	75·6	75·3	74·6	74·3	74·0	78·5	72·3	75·7	73·1	71·1	75·6	74·5	75·3	75·7	75·8	75·1	75·5	75·8	75·8	75·1	74·7
8	74·5	74·3	72·4	72·8	72·4	75·3	71·5	70·9	69·9	69·8	69·3	68·9	69·6	68·6	69·5	72·2	74·3	76·5	78·0	78·3	78·8	79·1	79·2	78·8	73·3
9	78·5	78·6	78·8	78·5	76·7	76·9	77·3	77·3	77·1	76·9	76·7	76·2	75·7	74·5	75·5	77·3	78·4	79·1	79·3	79·3	78·6	79·3	78·7	78·3	77·8
10	79·1	78·3	78·8	77·5	77·5	77·3	77·3	76·7	76·3	75·8	75·3	75·4	75·6	74·6	76·3	77·9	77·7	78·1	78·9	79·5	78·8	78·9	79·3	78·8	77·5
11	79·8	79·1	78·6	78·8	79·3	79·3	79·0	78·8	78·8	77·9	77·5	77·4	77·3	76·8	77·3	78·6	79·1	79·3	80·3	79·5	78·8	78·9	79·3	79·3	78·7
12	78·5	79·8	79·6	80·5	80·1	80·1	80·3	80·0	80·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	70·8	79·3	78·8	78·3	77·1	77·9	79·9	80·3	80·7	81·0	81·3	81·1	81·3	81·1	81·3	79·9
14	81·1	80·8	80·2	80·3	80·1	80·6	79·8	80·0	79·0	79·1	78·3	77·7	77·1	77·5	78·8	80·3	80·3	81·0	81·6	81·3	81·5	81·1	81·0	80·3	79·0
15	80·8	80·9	80·4	80·4	80·3	80·3	80·0	80·3	80·3	79·9	79·5	79·8	79·0	78·4	73·8	79·7	80·3	80·7	81·3	81·1	81·1	80·6	80·3	81·3	80·2
16	81·6	80·4	79·8	80·4	80·5	80·3	80·3	80·1	80·1	79·7	79·3	78·3	77·3	77·4	77·3	76·6	79·8	80·3	80·2	80·3	80·5	80·0	80·6	80·8	79·7
17	81·8	80·7	80·3	80·1	80·0	79·8	79·6	78·8	79·3	78·3	78·6	78·2	78·1	77·6	79·1	79·4	81·1	80·5	81·3	81·3	83·3	81·3	81·0	81·1	79·9
18	81·3	81·0	80·7	80·5	79·9	79·8	79·7	79·7	79·3	79·3	79·8	78·3	77·4	77·1	77·3	79·3	80·0	81·0	81·8	81·3	81·3	83·1	81·8	80·8	80·0
19	80·3	80·3	80·2	80·3	80·3	79·8	79·6	78·9	78·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	75·4	75·8	75·2	76·2	75·0	76·3	77·7	78·0	78·5	80·6	80·8	80·3	79·3	78·8	79·3	78·5
21	80·0	79·6	79·8	79·3	79·5	79·3	78·8	79·0	78·7	78·1	77·5	77·3	77·1	76·1	77·3	78·1	78·7	79·3	80·4	80·7	80·3	80·3	79·8	80·1	78·9
22	79·9	80·0	80·8	80·3	80·5	80·8	80·3	80·3	79·3	78·8	77·8	78·5	79·3	78·6	78·3	79·5	81·1	81·5	82·3	81·5	81·3	80·8	80·8	81·3	80·1
23	81·8	81·9	81·6	81·8	81·5	81·3	81·3	81·1	81·0	80·4	79·8	79·9	80·1	80·1	80·6	80·5	80·8	81·5	83·3	83·1	83·1	82·6	81·7	81·5	81·3
24	81·8	80·4	79·8	80·4	81·1	80·9	81·0	81·3	81·6	81·4	81·1	81·8	81·3	80·6	81·1	81·5	80·9	81·3	81·7	82·3	83·7	82·3	81·5	81·8	81·3
25	81·9	83·0	82·8	82·3	81·9	82·2	81·8	81·6	81·3	80·8	80·3	81·1	83·0	81·5	81·3	81·5	82·8	82·7	82·8	82·3	81·5	81·8	82·7	82·6	81·9
26	82·5	82·4	82·4	82·8	82·3	82·0	81·8	81·3	81·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	80·5	80·4	80·3	80·3	79·5	80·3	81·1	81·6	82·3	83·7	83·3	82·3	82·8	82·3	81·4	81·6
28	82·3	81·8	81·4	82·0	81·3	81·3	81·8	81·5	81·0	80·8	80·5	80·9	81·3	80·5	81·8	80·7	81·3	82·1	82·5	81·7	82·3	83·3	83·4	81·8	81·5
29	80·3	80·3	79·8	80·3	80·5	80·5	80·8	78·8	80·5	80·5	80·4	80·4	80·5	79·3	79·3	80·0	80·5	81·3	81·8	80·9	81·4	80·8	81·1	81·3	80·5
30	80·8	80·8	80·3	80·1	80·3	80·1	80·1	80·2	79·8	79·7	79·5	79·4	79·3	78·5	78·6	79·3	80·3	80·5	81·6	82·0	80·6	80·8	80·8	79·3	80·0
Means.	79·9	79·8	79·4	79·4	79·8	79·3	79·1	78·8	78·5	77·9	77·5	77·4	77·3	76·6	77·8	78·5	79·5	79·8	80·4	80·4	80·4	80·0	79·9	79·9	79·0

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

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WET THERMOMETER.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
MAY 1851. 1	73·8	77·7	77·3	76·8	79·8	81·3	81·8	80·6	81·3	80·9	80·4	80·6	80·8	80·7	80·5	80·5	80·3	80·1	80·6	76·3	75·8	74·8	74·3	75·5	79·0
2	7·53	74·4	74·3	74·3	76·0	77·8	78·8	79·3	79·7	78·9	78·1	77·7	77·3	77·3	77·3	78·7	77·5	77·3	77·9	78·1	77·6	78·3	78·3	76·3	77·3
3	77·3	78·3	77·3	77·5	77·8	76·8	77·4	76·9	77·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	79·6	79·1	78·6	78·2	78·3	77·6	77·5	75·5	73·8	74·5	75·1	76·3	77·8	77·9	73·1	77·2
5	77·3	77·0	76·8	78·9	78·3	78·3	77·9	77·3	77·3	76·1	74·9	75·0	75·1	74·3	74·3	75·3	78·5	78·0	78·3	70·5	78·8	79·3	79·0	73·3	77·1
6	77·3	76·4	75·6	75·3	76·3	76·1	75·3	75·8	76·2	75·8	75·4	75·0	74·6	74·3	76·8	77·3	78·3	78·6	78·1	78·7	78·1	77·5	77·3	76·9	76·8
7	76·6	76·3	75·7	75·3	77·3	78·3	70·0	78·8	70·5	79·3	79·1	78·3	77·5	77·6	78·6	78·5	74·0	74·5	75·5	75·1	78·7	78·3	77·8	77·8	77·4
8	77·3	76·7	77·4	76·9	78·3	70·3	79·8	80·3	80·3	79·4	73·6	78·4	78·4	78·2	78·5	79·6	79·9	79·2	78·7	79·3	78·9	78·3	79·1	79·3	78·7
9	80·4	31·3	80·1	79·3	80·3	81·3	81·1	81·5	81·3	80·2	79·1	78·6	78·1	77·4	77·3	77·1	75·8	76·0	77·3	78·8	79·3	80·1	80·4	80·5	79·3
10	80·1	80·3	79·4	79·1	80·9	81·6	82·3	82·0	81·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	—	†81·4	—	72·8	73·5	74·5	75·8	76·6	75·9	75·5	76·1	75·5	77·4	81·0	81·3	?
12	80·8	80·4	80·1	80·1	80·8	81·7	81·3	80·8	79·5	79·0	78·5	78·1	77·8	77·4	77·8	76·6	74·3	74·6	74·0	75·6	76·5	77·1	78·2	79·9	75·4
13	79·3	78·8	78·8	78·3	79·0	79·6	80·6	81·5	80·0	79·3	78·6	78·2	77·8	78·2	78·6	78·9	79·8	80·5	78·0	76·7	75·9	74·3	81·3	80·5	78·9
14	80·7	78·7	80·5	80·5	81·1	80·3	80·7	80·8	80·0	77·3	74·6	74·4	74·3	74·8	75·5	74·7	75·8	75·8	77·0	76·8	76·3	77·4	77·3	77·0	77·6
15	78·7	76·3	77·3	80·0	82·0	81·3	81·3	81·5	80·3	78·9	77·4	76·6	75·8	76·3	77·5	77·7	78·3	78·8	80·8	81·8	82·5	82·3	82·0	81·3	79·4
16	80·4	80·3	79·4	78·9	80·3	80·9	80·3	70·8	80·0	79·2	78·4	73·1	77·8	77·8	73·8	79·3	79·7	80·5	82·8	82·5	82·7	82·3	82·8	81·9	80·1
17	31·3	80·5	80·3	79·4	80·3	81·0	81·3	81·1	80·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	79·5	79·6	79·5	79·8	79·3	80·5	80·8	81·8	82·3	82·5	82·7	82·8	83·1	83·1	82·1	81·0
19	82·8	81·5	81·5	81·3	81·8	81·8	81·5	81·3	81·3	80·4	79·5	79·4	79·3	79·3	80·3	80·8	81·3	82·2	83·3	83·3	83·8	83·8	82·7	82·5	81·4
20	82·3	81·3	81·8	81·1	81·8	81·1	80·7	80·3	80·3	80·7	31·0	80·3	70·8	79·7	80·3	80·9	81·1	81·5	82·7	83·0	83·3	83·8	83·1	82·5	81·4
21	82·3	81·3	80·5	79·7	80·8	80·9	81·0	80·8	80·5	80·3	80·1	79·8	70·6	70·9	80·3	81·1	81·8	82·7	83·3	83·8	84·1	83·9	84·1	83·5	81·5
22	83·8	82·3	81·4	81·3	82·3	82·8	82·4	82·2	81·3	80·4	70·5	78·9	78·4	79·3	79·8	80·5	81·3	81·5	81·7	83·3	83·5	83·3	83·0	82·8	81·5
23	82·4	82·3	81·8	81·3	81·3	81·7	82·2	82·1	81·3	80·7	80·1	79·5	78·9	78·0	78·3	78·5	78·3	78·5	78·3	78·3	79·1	70·8	79·3	79·5	80·0
24	79·3	78·7	78·8	78·3	79·8	80·3	79·9	79·7	79·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	78·0	77·5	77·0	78·5	77·3	77·3	77·8	79·1	78·5	79·3	79·5	73·5	78·8	78·7	79·3	78·6
26	79·3	79·6	79·3	78·5	78·0	77·8	78·1	77·8	78·0	77·8	77·5	77·4	77·3	77·5	78·8	79·3	80·7	80·1	80·3	80·3	80·5	80·4	80·3	80·1	78·9
27	79·8	80·1	79·3	78·6	79·3	79·8	80·0	79·2	78·8	77·0	75·6	75·9	76·3	76·3	77·3	78·5	80·3	80·1	81·0	80·8	80·8	80·3	80·7	81·3	79·0
28	81·3	80·6	80·3	79·3	80·0	80·8	81·1	80·5	80·3	70·6	78·0	78·1	77·3	77·5	75·8	78·3	77·5	79·1	78·9	79·9	81·3	81·3	81·5	82·3	79·7
29	82·0	70·3	79·3	78·5	79·8	80·5	81·1	81·8	81·3	80·6	79·9	79·4	70·0	70·1	80·1	80·5	77·7	77·3	78·3	78·4	70·9	80·4	81·1	81·3	79·9
30	81·8	80·3	79·5	70·3	80·3	81·3	31·6	76·8	75·1	74·9	74·7	75·1	75·5	76·5	78·8	80·2	80·5	79·3	78·3	77·8	77·8	78·3	79·8	80·7	78·3
31																									
Means.	79·8	79·3	79·0	78·7	79·7	80·3	80·3	80·0	79·7	79·0	78·2	77·9	77·4	77·6	73·1	78·6	78·8	78·7	79·1	79·3	79·5	79·6	80·1	80·1	79·1
										*		*													
May 31	79·7	80·1	81·9	81·3	80·6	80·3	80·8	80·8	81·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JUNE 1851. 1	—	—	—	—	—	—	—	—	—	78·6	78·2	77·3	77·4	75·5	75·6	75·5	76·5	76·7	75·7	75·7	77·5	77·3	76·3	77·3	78·2
2	76·8	77·0	77·1	77·8	82·3	83·2	82·3	79·9	78·3	78·3	78·2	77·8	77·4	76·6	76·8	77·0	78·3	78·3	78·5	78·5	80·1	79·8	80·6	80·1	78·8
3	79·2	80·3	81·3	81·3	81·3	80·5	81·1	79·9	79·5	78·0	78·3	78·0	77·8	77·5	76·8	77·3	78·3	78·9	77·1	78·8	77·3	78·0	78·9	78·8	78·9
4	78·8	70·3	79·3	80·8	81·0	80·0	80·3	79·1	78·0	77·6	77·2	76·7	76·3	73·3	77·4	78·3	79·1	79·3	79·1	79·3	79·9	79·6	79·8	78·5	78·8
5	77·7	75·3	75·3	76·2	77·3	77·8	78·8	78·7	78·3	76·3	75·8	75·7	75·7	75·8	74·1	75·2	77·1	78·7	77·3	77·9	79·1	79·0	79·2	78·7	76·8
6	79·0	73·5	78·3	77·8	77·3	75·5	74·8	74·3	74·3	74·2	74·1	74·8	74·3	74·0	73·3	74·3	75·2	78·3	76·3	77·5	73·0	78·3	79·0	79·8	76·2
7	79·8	79·3	79·6	80·3	80·3	81·8	73·5	77·8	77·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	73·5	78·5	73·5	73·5	73·3	74·7	76·1	78·3	76·6	77·3	78·8	77·1	73·3	77·8	77·3	77·1
9	77·1	78·1	80·8	79·8	80·1	73·3	75·5	74·8	75·0	74·7	74·4	74·3	74·3	73·9	74·4	75·3	76·1	76·6	77·3	77·8	76·6	77·3	76·8	78·3	78·3
10	76·8	76·1	76·3	76·8	76·3	75·5	74·3	74·1	74·9	74·2	74·1	73·0	73·7	73·1	73·9	74·8	76·3	76·6	77·3	77·1	78·5	78·3	78·5	78·5	75·8
11	78·3	78·2	75·8	75·5	76·3	75·0	75·2	78·8	75·2	75·3	75·3	75·3	75·3	74·3	76·3	76·5	76·6	77·5	77·7	73·1	78·3	75·3	78·0	78·5	76·5
12	79·8	81·8	81·8	83·0	82·3	81·8	80·5	80·5	80·3	78·7	77·1	75·4	73·8	73·1	74·1	75·5	78·1	75·7	76·3	77·5	78·1	70·3	78·5	78·1	78·3
13	77·8	77·0	77·3	80·0	81·0	79·8	80·3	80·3	78·8	76·1	77·3	77·5	77·3	74·3	75·3	76·1	76·5	78·9	76·1	77·3	77·7	79·5	79·5	79·6	78·0
14	79·3	78·8	76·3	78·8	79·1	80·8	80·2	80·3	80·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	76·1	76·3	76·5	76·7	78·1	77·1	73·1	77·9	78·7	78·5	82·9	81·9	80·6	80·5	80·5	78·7
16	80·5	80·6	81·8	31·1	80·9	80·5	73·7	78·3	75·8	75·5	75·4	78·3	75·3	75·5	78·3	77·0	75·8	79·2	79·8	80·9	80·8	81·3	81·9	81·5	78·6
17	81·6	81·8	81·3	31·4	80·3	74·5	73·0	74·3	75·1	75·3	75·5	75·9	78·3	75·8	76·1	77·3	76·4	76·3	77·3	77·6	78·0	78·3	78·3	77·8	77·3
18	79·8	80·3	80·3	80·8	80·7	80·5	80·7	79·6	77·2	76·7	76·1	75·3	74·5	74·3	74·9	76·0	78·8	76·5	77·3	77·3	78·1	78·7	79·3	78·9	77·9
19	80·3	80·9	80·3	80·8	81·0	81·9	81·8	80·8	80·6	79·7	73·8	77·5	76·3	74·3	74·5	74·6	78·3	76·4	76·3	77·8	77·3	77·8	80·0	81·3	78·5
20	80·8	80·3	80·3	80·3	80·8	81·0	80·2	79·5	79·1	78·2	77·3	77·3	77·3	77·1	77·5	76·3	76·9	78·1	78·3	73·3	77·4	77·3	77·3	77·3	78·5
21	79·3	79·1	79·5	79·6	79·8	79·3	78·5	78·7	76·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	76·6	78·5	78·4	76·3	76·6	77·3	77·3	78·8	70·5	78·1	77·7	78·9	79·1	79·9	80·3	78·2
23	79·3	79·3	79·8	80·3	80·0	80·3	80·1	79·5	79·3	78·9	78·4	77·9	77·5	77·3	77·6	78·7	79·5	80·1	78·3	79·1	80·8	80·3	80·3	81·3	79·4
24	81·0	80·1	80·6	31·1	81·8	80·4	80·0	79·3	79·2	79·2	79·2	78·7	78·3	77·6	76·4	77·3	78·4	78·3	78·3	78·3	77·9	79·3	79·5	80·8	70·2
25	80·8	80·8	80·3	81·8	81·3	80·6	80·7	80·4	79·5	79·4	79·2	78·8	78·4	77·8	78·3	78·9	78·3	78·5	78·1	79·3	79·6	70·5	81·8	81·3	70·7
26	80·8	80·8	81·1	81·6	82·0	31·1	80·3	80·3	79·7	79·6	79·2	78·7	78·3	78·3	79·3	79·1	78·3	79·3	77·6	78·8	78·3	79·4	81·3	81·8	79·3
27	82·8	81·3	81·6	81·6	82·3	81·4	80·8	80·3	79·8	79·5	79·1	78·7	73·3	77·5	77·3	78·3	78·3	77·7	78·3	78·5	79·1	78·8	78·3	80·6	79·8
28	81·8	81·8	81·6	80·8	80·8	80·5	80·5	80·3	80·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	79·8	79·3	79·3	79·3	78·5	79·8	79·3	79·9	70·8	81·0	82·3	81·8	82·1	31·8	81·8	80·5
30	81·3	80·8	80·8	80·3	81·8	81·3	80·4	80·2	80·5	80·5	80·5	80·4	80·3	80·1	80·3	80·9	80·5	81·0	80·7	81·3	81·3	80·7	80·3	80·6	80·7
Means.	79·6	79·4	79·7	79·9	80·3	79·6	78·9	78·5	78·1	77·4	77·1	78·8	76·6	75·9	76·3	77·0	77·5	77·9	77·8	78·5	78·6	79·1	79·3	79·6	78·3

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means. † 81·4 Omitted in the hourly and daily means on account of doubtful.

WET THERMOMETER.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
JULY 1851.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
1	80.7	80.3	80.4	80.0	79.5	79.5	79.2	79.4	79.3	78.8	78.3	78.5	78.8	78.5	79.5	79.3	78.7	78.3	78.7	80.4	80.6	80.3	80.0	79.3	79.4
2	80.7	80.3	80.4	80.0	80.1	80.1	79.8	79.4	79.5	79.0	78.5	78.6	78.7	78.5	79.9	79.6	79.5	79.3	80.1	80.5	81.1	80.3	80.3	80.7	79.8
3	80.3	80.7	80.3	79.2	80.0	79.8	80.0	80.0	79.3	79.6	79.8	79.5	79.3	78.3	79.3	80.4	81.3	80.1	80.3	80.6	81.4	81.3	80.7	81.8	80.1
4	77.3	77.3	79.2	80.3	77.7	75.3	76.4	75.9	75.8	75.6	75.3	75.4	75.5	76.1	76.3	77.1	77.5	78.3	79.1	79.3	80.0	80.3	80.3	80.1	77.6
5	79.8	75.4	7.55	76.5	76.5	76.8	76.8	77.3	77.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	77.0	76.3	75.6	75.0	74.8	74.3	74.5	75.3	75.7	76.3	77.7	77.5	77.3	77.7	78.3	76.4
7	79.0	78.3	75.8	75.9	75.1	75.3	74.8	74.9	74.9	75.1	75.3	74.9	74.6	78.7	74.5	76.1	76.3	76.5	75.7	76.7	78.2	78.3	77.3	77.3	76.0
8	76.5	76.3	78.3	79.1	79.4	80.0	80.0	79.8	78.3	77.3	76.8	76.0	75.8	75.3	75.5	76.3	77.5	77.1	77.1	77.6	77.3	77.9	78.3	73.3	77.6
9	77.9	77.3	80.1	80.5	80.4	80.3	80.0	79.8	78.6	77.5	76.3	75.8	74.3	74.3	74.6	75.1	75.1	76.3	75.5	76.3	76.0	76.3	75.4	75.3	77.0
10	75.3	74.7	77.5	77.5	76.3	76.3	76.7	77.3	77.5	76.9	76.3	75.8	75.3	75.3	76.5	76.7	76.8	77.3	77.7	78.3	78.7	76.5	75.3	77.6	76.9
11	77.3	76.7	79.5	79.5	80.3	80.6	77.3	74.6	77.3	76.6	75.8	75.7	75.6	75.8	76.3	77.1	77.7	78.3	78.3	78.6	79.3	79.8	80.1	80.3	77.9
12	80.3	79.4	79.6	77.4	76.3	76.8	76.3	76.3	76.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	76.7	76.3	75.9	75.5	75.3	75.8	76.8	77.8	78.3	78.7	79.1	79.8	80.3	81.3	81.3	77.8
14	80.8	80.3	78.7	77.8	77.3	77.3	77.1	76.8	76.5	75.9	75.3	74.5	73.8	74.9	75.8	77.3	77.8	78.3	79.3	80.1	80.3	80.5	81.3	81.3	77.9
15	81.2	81.8	76.9	76.9	76.5	76.3	76.3	76.1	75.5	75.8	76.1	76.2	76.3	76.8	76.3	76.5	77.3	77.5	77.3	78.3	79.0	79.6	79.8	79.8	77.5
16	79.3	78.5	78.3	78.5	77.4	77.3	77.3	77.1	70.7	76.5	76.3	76.0	75.8	75.5	75.8	76.3	76.5	77.3	77.0	78.0	78.0	78.8	79.3	78.6	77.3
17	80.3	79.3	78.1	79.0	79.1	78.9	78.3	78.3	73.3	77.6	76.8	76.0	75.3	75.5	75.7	86.0	77.1	76.7	7.81	78.3	78.3	78.5	78.3	78.3	77.8
18	78.3	75.1	75.2	76.0	77.1	76.6	76.3	76.3	76.6	76.2	75.8	75.5	75.3	75.3	75.4	76.3	77.8	78.8	79.3	79.5	79.3	78.8	79.3	78.3	77.0
19	78.1	77.8	76.1	76.2	75.6	75.3	75.3	75.6	75.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	75.2	75.3	75.4	75.6	76.3	77.3	77.5	78.1	78.7	79.3	79.3	78.8	78.6	78.5	79.6	77.0
21	79.8	79.3	78.8	79.2	78.6	78.5	78.8	78.9	79.0	78.4	77.8	77.1	76.5	73.3	76.5	77.6	78.8	79.3	79.8	80.6	80.8	81.0	81.3	82.3	79.0
22	82.0	81.3	80.5	80.4	80.1	80.4	79.5	79.3	79.1	77.0	74.8	74.3	73.9	74.3	74.3	74.7	75.9	76.4	77.8	79.8	79.3	79.8	79.3	79.3	78.1
23	79.8	79.6	79.4	78.4	78.5	77.8	77.5	77.3	77.1	75.7	74.3	74.0	73.8	73.3	73.5	74.9	76.3	76.5	77.1	79.1	76.7	77.7	78.5	79.3	76.9
24	78.6	80.0	80.6	79.2	79.2	78.3	77.2	76.7	76.3	76.3	76.3	75.6	75.0	74.3	74.8	76.3	76.5	75.7	77.1	78.3	79.3	79.3	79.0	79.8	77.5
25	79.2	79.0	78.5	77.4	77.4	77.3	77.4	77.3	76.7	76.5	76.3	76.0	75.8	74.7	74.6	75.8	76.4	76.8	77.6	77.8	79.1	78.8	79.6	80.3	77.3
26	80.5	80.3	79.5	80.5	80.5	79.6	78.7	78.3	78.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	76.7	76.3	75.9	75.5	74.3	75.0	75.9	77.3	76.7	77.8	78.8	80.3	80.8	80.0	79.5	78.2
28	79.8	79.8	78.4	80.6	77.0	76.7	76.8	76.0	76.3	76.4	76.5	76.4	76.3	76.5	76.1	77.0	77.6	77.7	78.5	78.9	79.3	79.3	80.3	80.0	77.9
29	81.8	80.3	81.5	78.8	78.3	77.6	77.3	77.3	77.0	77.2	77.3	76.5	75.8	75.6	75.4	76.3	77.4	77.9	78.8	79.0	79.3	78.8	80.3	81.3	78.2
30	80.0	79.0	78.3	77.9	74.5	74.3	74.3	74.5	74.7	75.0	75.3	75.4	75.6	74.6	75.3	75.8	76.6	77.3	77.9	77.3	73.3	79.2	79.6	80.3	76.7
31	80.0	80.5	80.7	79.1	75.4	75.3	75.3	75.1	74.8	75.1	75.3	75.4	75.5	74.8	74.5	74.8	76.8	76.1	75.9	76.8	77.3	77.9	77.9	78.3	76.6
Means.	79.4	78.8	78.7	78.6	77.9	77.7	77.4	77.3	77.1	76.7	76.3	76.0	75.7	75.5	75.9	76.6	77.3	77.5	78.0	78.7	79.0	79.2	79.3	79.5	77.7
AUGUST 1851.																									
1	78.7	78.8	78.3	79.4	77.4	77.3	77.3	77.1	76.7	75.3	73.8	73.5	73.3	72.8	72.3	72.5	73.7	74.3	75.1	76.4	76.9	78.1	78.6	78.3	76.1
2	77.7	77.9	78.2	77.8	77.3	76.9	76.7	76.3	76.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	75.6	75.3	75.0	74.7	74.5	74.6	76.3	76.5	76.8	77.3	78.3	78.6	79.3	78.8	78.8	76.9
4	78.1	78.7	78.3	78.7	79.3	77.7	77.3	77.5	77.3	77.3	77.3	76.9	76.5	77.1	76.8	77.3	75.7	76.3	77.0	78.3	78.3	79.9	80.3	61.3	77.9
5	81.8	80.3	79.8	80.0	80.0	77.7	76.8	76.8	76.3	76.5	76.6	76.4	76.3	76.5	75.3	76.3	77.4	77.5	78.1	79.3	79.5	79.8	79.8	79.5	78.1
6	79.1	78.6	79.3	77.5	78.3	78.4	78.6	78.6	79.1	78.2	77.3	76.9	76.5	75.8	74.8	75.3	76.1	77.1	77.8	77.8	77.3	78.3	80.3	80.1	77.8
7	81.3	80.6	79.6	79.6	80.3	79.5	79.3	79.0	78.8	77.6	76.3	76.4	76.5	75.3	75.8	76.3	78.1	73.8	79.3	80.3	80.5	79.8	80.0	80.8	78.7
8	80.2	80.5	80.2	80.1	79.5	79.9	79.6	79.4	79.0	78.4	77.8	77.0	76.3	75.8	76.5	78.1	79.1	80.3	81.0	81.3	81.3	8.18	81.3	80.8	79.4
9	81.2	81.3	80.4	80.6	80.2	79.1	78.3	78.3	78.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	79.1	77.8	77.5	77.3	76.0	77.5	77.8	77.3	78.9	79.1	79.3	79.1	80.3	81.3	81.3	79.0
11	81.5	80.6	80.4	80.6	80.9	80.4	80.4	80.5	80.1	77.7	75.3	73.8	72.3	72.5	73.3	73.5	75.0	76.5	77.4	79.3	80.3	81.3	81.3	81.3	78.2
12	81.5	81.1	82.3	81.3	80.8	80.5	80.4	80.6	80.0	78.3	77.5	75.4	73.3	74.3	73.8	73.5	74.3	76.9	79.3	80.8	81.3	81.5	81.1	80.5	78.8
13	81.3	81.3	80.8	79.8	79.8	80.0	80.1	79.9	80.1	79.2	78.3	78.1	77.9	77.8	77.3	78.1	78.3	79.5	78.7	78.3	78.3	79.1	80.1	80.8	79.3
14	80.4	80.3	80.0	77.5	77.1	75.5	85.3	75.6	75.2	74.8	74.3	74.3	74.3	74.5	75.3	75.9	76.3	78.1	78.3	78.5	78.0	79.3	78.8	80.3	77.0
15	80.5	80.3	80.1	80.9	80.8	79.9	79.7	79.2	79.1	77.9	76.6	76.4	76.3	76.3	75.8	76.5	77.3	73.4	79.6	80.3	81.3	82.8	80.8	81.3	79.1
16	81.8	80.3	80.3	80.1	79.0	79.6	79.3	79.3	77.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	77.5	76.8	76.1	75.5	75.8	76.4	77.5	78.3	79.8	80.8	81.3	81.1	81.8	81.3	81.3	79.1
18	80.3	80.3	80.4	79.9	79.2	79.5	79.5	79.3	78.5	77.2	75.8	75.5	75.3	75.3	76.3	77.8	78.3	77.9	78.8	80.3	80.6	81.6	81.3	78.3	78.6
19	78.3	78.6	78.4	76.8	75.4	76.2	76.4	76.3	76.3	75.9	75.5	75.4	75.3	76.1	76.1	76.6	76.5	77.3	77.0	78.3	78.8	79.3	79.8	80.1	77.2
20	80.6	80.0	77.5	77.8	77.4	78.1	76.1	75.6	75.6	75.7	75.8	75.5	75.3	75.1	76.0	76.3	77.5	78.1	79.0	79.7	80.0	79.8	80.0	79.0	77.5
21	77.9	78.3	77.4	77.3	76.7	76.3	76.5	76.3	76.0	75.8	75.6	75.4	75.3	74.8	74.5	75.3	76.0	76.5	77.5	77.0	76.5	78.8	77.3	76.8	76.5
22	78.3	78.3	78.6	75.3	76.3	76.3	76.4	76.1	76.3	75.8	75.3	75.5	75.7	75.1	75.7	75.5	75.3	76.1	76.8	77.8	78.8	79.0	79.0	79.7	76.8
23	79.4	78.5	78.3	79.4	78.3	77.7	77.3	77.3	77.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	77.8	77.3	76.8	76.3	75.1	75.5	76.1	78.0	77.1	77.7	78.3	77.5	79.1	79.1	80.3	77.7
25	79.9	79.3	79.1	79.3	73.3	74.0	73.7	74.3	74.3	74.4	74.5	74.4	74.3	74.3	75.3	77.1	79.1	78.7	78.8	79.5	79.8	79.5	79.3	78.8	76.9
26	79.1	79.2	76.3	76.4	76.3	76.1	76.4	76.3	76.3	76.1	75.8	75.3	74.9	75.1	75.3	75.5	76.3	76.8	78.3	80.3	79.3	78.9	77.8	78.3	76.9
27	79.8	80.3	80.4	79.8	80.3	76.2	78.3	76.3	76.1	75.2	74.3	74.0	73.7	73.6	73.8	74.8	74.6	75.3	77.5	79.3	78.8	78.3	78.6	78.7	76.9
28	79.8	80.1	80.1	79.4	79.9	80.1	80.3	80.7	79.1	77.3	75.5	75.4	75.3	74.3	74.0	74.6	75.9	75.6	76.5	77.5	78.8	78.5	79.5	79.8	77.8
29	79.3	80.3	77.6	77.7	78.2	77.7	77.3	77.3	76.7	76.4	76.1	76.4	76.8	76.3	76.1	76.1	77.5	77.7	79.3	79.3	79.8	79.4	79.3	79.1	77.8
30	79.3	78.0	79.3	77.6	76.4	76.6	76.8	76.5	76.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	78.2	77.5	76.8	76.1	73.8	74.6	75.3	75.6	75.7	77.3	78.8	78.3	78.8	79.3	79.1	77.2
Means.	79.9	79.7	79.3	78.9	78.4	78.0	77.8	77.7	77.4	76.9	76.2	75.8	75.4	75.2	75.4	76.0	76.7	77.4	78.2	79.0	79.2	79.8	79.8	79.8	77.8

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time.	P.M. h. m. 4. 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41	
SEPTEMBER 1851.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
1	80·3	83·3	80·4	79·8	81·2	80·4	80·3	79·9	79·4	78·2	76·0	78·9	75·5	78·8	78·8	77·5	79·0	79·7	78·8	78·8	78·3	78·5	78·3	73·3	78·7
2	77·3	77·5	76·5	77·6	78·4	79·9	79·5	70·8	77·5	77·0	78·3	78·8	78·4	78·1	78·3	77·7	77·5	78·8	78·3	79·3	78·8	78·3	78·5	79·0	78·3
3	80·3	83·5	83·6	83·5	79·7	79·7	80·8	80·3	80·3	79·8	79·3	78·4	77·5	75·8	75·6	75·8	78·8	75·6	76·3	77·3	78·0	78·3	78·5	75·7	78·4
4	78·8	81·2	79·8	70·5	79·6	80·8	80·8	79·5	70·8	79·7	79·5	79·0	78·6	78·8	78·0	78·3	78·2	76·8	78·4	77·8	78·1	78·6	73·2	77·3	78·5
5	78·4	70·6	79·5	70·3	77·8	78·3	77·8	78·8	79·3	79·1	78·9	78·6	78·8	78·8	78·8	78·5	70·8	79·8	79·3	79·8	80·5	79·7	80·0	80·1	78·9
6	80·6	81·2	83·4	80·4	80·4	79·9	79·5	70·1	78·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	77·9	77·8	77·7	77·6	76·1	74·8	74·1	74·4	74·8	75·4	76·1	76·4	76·3	75·7	76·8	77·5
8	77·3	76·9	77·4	78·3	83·8	80·3	78·3	78·3	76·0	75·0	75·6	75·1	74·8	73·8	73·5	73·3	74·3	73·9	74·5	75·8	75·5	75·7	76·4	77·1	76·2
9	76·3	78·0	76·0	75·4	77·2	76·9	77·8	78·3	78·2	76·8	74·8	74·8	78·0	72·8	75·8	74·8	74·3	73·7	74·3	75·1	76·3	75·3	75·1	75·4	75·8
10	74·6	74·5	74·6	75·3	75·5	77·8	77·8	78·8	70·3	78·8	78·8	77·4	76·5	75·8	75·6	74·8	74·3	74·5	75·8	75·8	75·5	76·8	77·8	76·7	76·2
11	78·3	77·3	78·5	79·1	79·8	78·8	79·8	70·8	80·8	79·1	77·8	77·5	77·3	77·1	77·5	75·3	77·8	76·1	78·7	77·3	77·3	77·9	77·8	77·8	78·0
12	77·3	78·7	78·6	77·3	78·3	78·8	79·3	79·6	79·8	79·1	78·8	78·4	78·5	78·1	78·3	78·7	83·0	70·9	80·3	81·1	80·4	80·8	81·3	80·5	79·8
13	79·7	78·4	78·2	78·4	78·7	70·0	79·8	79·8	83·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	78·9	78·7	78·5	78·8	78·5	70·8	80·0	80·3	83·1	83·8	80·9	83·4	79·3	73·6	79·8	73·4
15	79·8	73·0	79·3	83·2	80·8	80·5	80·3	80·0	80·3	79·5	78·7	78·6	77·9	77·8	78·8	73·9	80·3	80·1	78·9	79·8	77·4	79·3	80·4	80·8	79·4
16	79·3	79·8	70·7	78·0	78·3	76·3	78·2	74·3	74·8	74·5	74·8	78·9	78·5	74·8	76·5	78·5	78·8	78·5	79·1	79·9	83·2	80·5	81·8	81·0	77·4
17	83·8	79·7	83·2	80·8	73·3	74·3	78·9	78·3	78·0	74·2	75·3	76·3	75·3	75·1	75·8	77·8	78·3	78·5	70·8	79·7	80·8	83·5	79·9	79·4	77·2
18	79·3	79·8	79·7	70·8	77·8	78·8	78·3	77·7	77·5	76·4	75·3	75·2	78·1	75·6	75·9	78·8	77·2	77·9	78·3	78·5	77·5	77·8	77·7	77·6	77·5
19	77·8	78·7	79·4	79·2	79·8	79·4	79·3	79·0	79·6	78·9	78·3	77·7	77·1	76·0	77·3	78·8	78·0	78·5	78·3	77·8	77·3	76·9	77·4	77·3	78·2
20	75·7	77·3	77·7	77·5	78·8	78·4	77·3	78·3	78·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	77·8	77·3	77·8	76·8	76·3	77·1	73·9	78·0	78·8	76·8	76·4	76·5	76·3	75·7	76·8	76·8
22	76·7	77·8	77·3	77·2	77·3	77·1	77·3	77·8	77·8	77·6	77·8	76·9	76·5	78·5	71·5	74·0	74·8	74·3	75·9	75·4	76·3	76·9	77·5	77·3	76·3
23	76·4	78·3	79·0	73·2	78·1	78·8	79·3	80·8	80·8	79·4	78·8	78·2	77·7	76·8	76·8	75·8	76·8	78·3	78·5	79·1	79·4	79·8	79·5	79·8	78·4
24	79·3	78·7	78·6	78·8	79·3	79·1	78·3	78·5	78·8	73·8	78·3	78·1	78·0	75·3	78·3	78·6	79·3	79·4	50·3	80·6	78·3	79·4	80·3	80·1	78·0
25	80·8	79·3	78·8	78·7	78·7	78·3	78·8	78·7	70·1	78·8	78·6	78·4	78·8	78·0	77·8	78·0	78·9	74·8	75·4	75·3	78·1	78·3	79·4	79·7	78·0
26	79·8	77·2	73·5	76·8	77·8	76·1	76·3	76·8	76·8	77·0	77·1	78·5	76·9	75·8	78·0	78·2	80·3	79·9	83·3	79·4	79·6	79·8	80·4	79·3	77·7
27	79·8	78·3	78·6	78·4	78·4	78·3	78·5	78·8	78·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	78·1	78·8	77·5	78·7	78·3	77·3	78·8	79·9	80·8	81·3	81·3	80·8	81·3	81·8	81·7	79·1
29	81·5	81·4	80·3	80·5	83·6	80·8	78·3	77·8	77·8	76·5	75·8	75·1	75·8	74·6	75·5	75·5	78·7	79·8	81·7	81·3	80·7	80·6	83·8	81·3	78·8
30	80·7	80·5	80·7	81·6	81·9	81·8	81·3	81·3	81·8	81·6	81·3	77·8	74·3	75·1	75·8	77·3	79·0	79·8	80·8	80·9	81·4	83·3	83·5	82·6	80·3
Means.	78·6	78·7	78·7	78·8	73·6	78·7	78·6	78·6	78·6	78·1	77·6	77·1	76·7	76·2	76·3	76·7	77·4	77·5	78·0	78·4	78·4	78·8	78·9	78·9	78·8
OCTOBER 1851.																									
1	82·3	82·8	81·8	82·2	81·7	81·7	81·5	81·8	81·8	80·6	79·3	78·8	78·2	78·1	75·3	77·8	83·3	82·1	81·8	83·3	83·1	79·1	73·3	81·3	83·0
2	82·5	82·3	82·3	82·3	82·3	81·6	81·3	81·8	81·8	81·7	81·6	80·1	78·8	77·8	78·8	80·1	80·5	80·6	80·8	70·1	83·3	83·0	83·5	83·8	81·2
3	82·0	81·1	81·3	81·4	81·0	80·9	83·8	77·9	77·3	77·7	77·6	78·0	78·5	78·3	70·1	83·1	80·5	81·5	81·5	80·5	82·8	84·2	83·5	83·4	83·4
4	82·4	81·7	81·4	81·4	81·3	81·3	81·1	80·7	81·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	77·0	77·8	76·7	75·1	74·3	75·8	78·5	77·6	79·1	78·6	73·9	79·7	83·3	80·9	83·3	79·3
6	79·8	79·3	79·1	79·1	79·0	70·3	77·4	75·8	75·3	75·9	75·8	74·3	74·7	74·8	75·3	75·0	76·4	76·3	76·6	77·8	78·8	78·7	70·3	79·5	77·2
7	78·3	77·4	77·3	77·4	75·2	74·5	74·2	74·7	74·3	74·4	74·6	74·8	75·1	75·7	76·5	76·8	76·8	78·5	78·8	79·5	78·6	79·8	70·9	83·0	76·7
8	79·8	76·5	77·3	77·5	77·8	77·3	77·3	76·7	74·6	74·7	74·8	74·4	74·0	74·3	78·5	78·1	76·7	78·3	73·8	83·1	80·3	79·6	83·3	80·5	77·3
9	80·1	70·3	78·8	78·9	79·8	78·5	78·8	78·3	78·1	76·0	73·8	74·0	74·8	76·9	76·7	78·3	79·5	79·8	80·8	79·8	79·7	78·8	79·3	78·8	78·1
10	76·3	77·8	78·8	70·0	70·9	79·0	78·3	78·8	78·3	78·5	78·3	78·0	77·8	76·8	76·3	77·5	78·8	77·5	78·5	78·6	77·8	78·8	78·5	78·8	78·2
11	78·8	73·8	79·8	79·1	79·8	70·4	79·3	79·3	79·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	76·6	76·8	77·8	77·3	76·5	76·1	78·4	76·2	78·0	77·8	79·0	79·3	78·0	73·8	80·3	78·3
13	83·3	83·3	81·2	80·6	83·8	80·2	79·4	78·3	78·3	78·5	78·6	77·9	77·3	76·3	75·8	75·3	75·6	76·8	78·5	77·6	78·3	77·8	77·7	77·8	78·2
14	78·3	78·6	79·3	78·5	79·1	79·3	79·8	78·9	70·3	70·6	79·8	79·4	79·0	78·3	77·4	76·7	76·2	77·3	78·8	70·7	79·8	78·8	78·8	78·8	78·8
15	79·8	79·8	78·6	79·2	80·8	78·3	76·7	75·8	78·3	75·7	76·8	76·1	75·3	74·8	74·6	75·8	76·5	78·3	77·9	78·4	78·5	77·8	78·1	76·7	77·2
16	76·8	78·1	76·2	78·2	73·4	78·5	76·8	76·8	78·4	76·2	77·3	77·6	78·0	77·7	77·8	77·7	78·8	77·3	78·3	79·4	79·8	78·8	78·6	78·9	77·6
17	78·5	78·3	78·3	77·9	77·4	77·8	77·1	76·7	78·4	76·7	76·9	78·7	76·5	73·3	77·2	79·8	79·8	79·5	78·8	79·7	78·1	73·8	77·8	78·4	77·8
18	78·3	78·8	78·3	77·8	77·9	77·3	77·8	77·1	77·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	75·8	75·8	75·8	75·8	76·3	76·9	77·8	77·8	80·2	83·9	81·3	81·3	83·7	79·3	77·8	77·9
20	77·8	76·4	76·3	78·9	76·8	76·8	77·8	76·4	75·8	76·5	78·6	78·4	74·3	74·8	76·0	76·3	77·8	77·2	77·6	78·6	79·1	79·7	81·8	80·6	77·0
21	80·8	79·7	79·7	83·8	79·5	79·3	79·1	76·3	70·8	79·5	79·8	79·8	72·8	78·8	77·4	77·1	76·8	76·1	78·8	76·6	77·8	78·6	70·1	79·9	73·5
22	78·5	77·8	77·4	77·8	77·4	77·8	77·3	77·1	77·0	77·0	77·0	76·8	76·7	77·8	77·9	78·7	79·4	79·6	83·9	80·8	80·7	80·8	81·0	79·8	78·4
23	78·5	78·6	78·3	77·8	77·0	75·0	78·0	78·3	78·1	78·0	77·9	78·1	78·3	78·0	77·6	78·8	77·6	78·6	83·3	83·1	80·8	81·1	81·3	80·5	78·7
24	78·9	78·1	78·3	78·4	78·8	77·8	77·1	76·8	76·8	76·5	78·8	75·9	75·5	74·8	78·3	78·6	77·4	77·7	75·9	70·5	71·1	79·0	70·7	78·8	75·7
25	78·0	72·8	72·2	71·8	71·3	71·1	71·2	71·0	71·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	76·5	75·3	78·1	76·8	75·8	76·1	75·3	75·7	76·3	75·3	75·5	74·3	73·5	73·8	72·8	73·8
27	71·6	71·2	71·6	71·8	71·7	72·1	71·3	71·8	72·7	72·0	71·3	71·9	73·3	75·0	73·5	78·1	78·8	74·8	74·7	75·8	74·7	74·8	75·5	75·3	79·7
28	73·4	73·9	78·5	75·9	78·3	72·8	73·8	72·3	79·8	79·3	72·3	73·0	71·6	71·1	71·3	72·5	73·3	75·7	76·5	75·5	75·9	76·1	78·5	73·2	73·3
29	73·3	75·4	76·8	78·1	75·6	75·8	73·8	75·0	74·5	75·4	76·3	75·3	74·3	73·3	73·8	73·8	78·8	75·3	78·8	76·3	76·5	78·1	75·8	74·8	75·2
30	73·8	74·2	74·3	74·2	74·2	78·8	73·5	78·3	72·5	79·4	72·2	71·8	71·3	70·3	80·5	71·1	73·3	74·8	70·5	78·7	72·8	73·1	78·3	72·7	72·7
31	74·1	78·8	78·8	73·3	74·4	74·3	74·8	74·0	74·3	74·4	74·5	74·9	75·8	74·8	74·3	74·7	75·8	76·8	77·8	78·5	76·8	78·5	77·0	77·1	78·1
Means.	78·0	77·7	77·8	77·7	77·6	77·4	77·1	76·7	78·7	78·3	76·4	76·1	75·8	75·3	75·6	76·4	77·1	77·9	75·8	78·1	78·4	78·8	78·9	78·1	77·2

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

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WET THERMOMETER.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	16	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4. 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41	
NOVEMBER 1851.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
1	76·3	76·0	78·2	75·3	75·2	75·7	75·3	75·3	75·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	76·3	75·3	75·3	75·3	74·8	75·0	78·8	74·3	74·8	74·3	74·3	74·8	74·6	74·5	74·9	75·0
3	75·0	75·0	74·8	74·4	76·3	75·3	73·9	73·3	74·3	73·9	73·4	73·3	73·3	73·3	73·7	74·3	74·8	74·5	74·5	74·8	75·3	76·0	75·0	75·3	74·4
4	75·1	75·2	75·1	75·0	75·3	76·4	76·3	75·3	76·0	74·7	73·4	78·3	73·8	74·0	74·4	78·1	74·8	74·8	76·7	76·3	75·8	76·5	76·3	76·8	75·2
5	75·8	76·4	76·7	76·7	75·2	76·5	78·1	75·3	75·3	76·3	76·3	74·9	74·5	74·3	74·9	75·8	75·3	75·3	75·9	76·3	76·5	78·1	75·3	74·9	75·6
6	74·3	73·3	72·7	72·1	72·8	70·5	70·1	70·9	71·3	71·4	71·4	71·9	72·5	72·3	71·7	71·8	72·3	72·8	73·8	75·0	75·8	75·5	76·8	78·8	72·9
7	76·8	75·9	75·3	75·3	74·4	75·3	75·1	74·8	74·5	74·4	74·3	74·3	74·3	74·6	75·3	76·6	77·5	77·7	77·1	76·8	76·3	76·8	78·3	78·5	75·8
8	78·5	78·2	78·3	78·1	77·5	76·8	77·1	77·3	76·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	76·5	75·3	75·1	75·0	76·1	74·6	78·3	78·6	77·8	77·0	78·3	78·1	78·3	77·9	77·6	77·0
10	77·8	77·3	77·1	77·3	77·4	77·3	78·3	74·7	74·8	74·4	74·4	74·5	74·6	74·3	74·7	75·3	77·1	77·8	79·1	78·8	78·5	78·8	77·8	77·5	76·5
11	77·3	77·2	77·1	76·6	75·9	75·9	76·3	76·5	76·3	76·3	76·3	75·9	75·6	75·4	75·8	76·8	77·5	77·7	78·3	78·3	77·9	78·1	78·3	77·9	78·9
12	75·8	76·4	76·3	76·6	78·3	76·3	76·5	76·3	75·5	75·4	75·3	74·8	74·4	74·8	74·8	75·5	75·8	75·3	74·8	76·8	76·5	75·8	76·0	75·5	75·7
13	75·8	75·5	75·1	74·7	74·7	74·6	74·5	74·3	74·3	74·5	74·6	74·4	74·3	74·7	74·4	75·3	76·1	76·7	76·3	75·8	76·3	75·8	76·0	76·3	75·2
14	76·3	75·4	75·4	75·5	75·1	75·3	76·1	76·5	75·8	76·1	78·3	76·3	76·3	76·1	75·9	76·3	77·1	76·7	75·3	75·8	75·6	76·8	76·1	75·8	75·9
15	74·8	74·9	75·2	75·1	75·4	75·8	73·8	74·5	75·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	74·6	74·5	74·4	74·3	74·7	74·3	75·9	75·8	75·7	78·5	79·8	78·3	78·3	78·3	79·0	75·8
17	77·8	76·9	76·4	76·4	76·8	76·3	76·5	76·9	76·7	76·6	76·3	75·7	75·1	74·4	75·0	78·3	78·1	78·5	78·9	79·8	80·3	80·3	79·3	80·0	77·3
18	78·4	78·3	78·0	77·8	77·5	77·6	77·1	77·3	77·5	77·4	77·3	76·8	78·3	76·3	78·5	76·3	77·8	77·8	77·0	78·8	78·8	78·8	78·3	78·0	77·5
19	77·6	77·2	78·9	77·1	77·8	76·9	78·3	76·3	7·45	74·4	74·8	74·3	74·8	74·1	74·5	76·3	77·5	77·7	78·6	78·8	78·2	78·5	78·3	78·0	76·6
20	77·7	76·8	76·6	76·5	76·8	76·5	76·1	75·3	76·1	76·2	76·3	76·3	76·3	76·1	76·3	77·6	78·8	78·3	78·3	77·8	78·3	78·3	78·3	77·8	77·0
21	77·3	76·7	76·3	75·8	76·8	75·8	75·7	75·3	75·5	75·4	75·3	75·1	75·0	75·3	75·9	77·5	78·8	78·5	78·1	78·8	79·3	79·3	79·1	78·8	76·9
22	78·5	77·2	77·4	77·3	76·8	76·3	76·5	75·8	75·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	75·6	75·5	75·4	75·3	75·3	75·7	77·1	77·4	78·3	79·3	79·5	80·3	80·3	80·5	80·1	77·4
24	79·5	78·9	78·3	78·2	77·8	77·1	76·6	76·3	76·1	76·2	78·8	76·1	76·9	75·6	75·9	77·3	78·6	78·3	78·8	78·3	78·4	78·1	78·3	78·6	77·4
25	77·3	76·4	76·7	78·8	76·4	76·2	75·9	75·8	76·1	75·8	75·5	75·4	75·8	75·8	75·9	78·5	75·9	76·3	75·6	75·3	75·5	75·8	75·3	75·8	75·9
26	75·3	74·5	75·3	76·2	76·2	78·3	75·3	75·5	75·3	75·3	75·8	74·9	74·8	74·3	74·3	74·8	75·4	75·9	75·6	74·3	73·5	74·2	73·3	73·5	75·0
27	72·5	72·5	72·6	72·3	71·8	71·2	70·8	71·0	71·3	71·8	71·8	71·0	70·8	71·3	71·8	72·3	73·4	74·3	74·1	71·1	71·8	71·8	70·3	70·0	71·8
28	70·1	69·3	70·2	69·7	87·5	67·2	67·6	69·1	67·6	68·4	89·3	89·0	6·88	68·8	67·8	67·5	67·3	68·5	70·1	70·3	70·6	71·3	71·3	70·5	69·0
29	70·1	70·7	70·7	71·6	71·3	71·2	71·8	71·8	71·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	71·4	71·3	71·2	71·1	71·4	72·4	73·7	74·6	76·3	76·5	77·3	76·8	76·5	76·8	75·8	73·0
Means.	76·1	75·7	75·6	75·5	75·3	75·1	74·9	74·8	74·7	74·6	74·6	74·4	74·3	74·2	74·4	75·3	75·8	78·2	76·5	76·6	78·7	76·8	76·6	76·6	75·6
DECEMBER 1851.																									
1	76·3	76·8	76·8	76·5	78·7	76·3	76·3	76·6	78·3	78·2	76·1	75·7	75·3	75·5	76·3	77·3	78·3	77·5	77·3	78·3	78·8	78·6	78·3	77·8	7·69
2	77·3	76·9	76·4	77·0	77·1	76·6	76·8	76·0	76·5	76·4	76·3	75·9	75·5	75·3	76·0	77·3	77·8	78·3	77·8	78·1	77·5	77·3	77·3	77·7	76·9
3	76·8	76·8	76·3	76·3	76·1	76·3	76·2	78·3	76·0	75·4	74·8	74·8	74·8	76·1	76·3	76·8	77·8	77·3	77·7	77·8	77·4	78·0	77·4	77·3	76·5
4	76·3	75·7	75·8	74·7	75·0	74·6	74·3	74·3	74·8	74·8	74·3	73·4	72·5	72·1	71·3	72·5	73·3	74·3	74·8	74·8	74·6	74·3	73·7	78·4	74·1
5	73·3	73·1	73·2	72·8	73·0	73·3	72·3	72·3	71·3	70·8	70·3	70·3	70·3	70·1	70·7	72·8	73·1	72·9	73·3	73·8	73·5	73·3	73·3	73·1	72·8
6	73·4	72·7	72·5	72·5	72·2	71·8	71·5	71·3	70·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	70·9	70·7	70·5	70·3	68·9	69·3	71·3	72·7	72·8	72·7	73·3	73·1	73·3	72·9	73·2	71·9
8	72·4	72·2	72·2	72·2	71·7	71·2	70·5	70·3	69·8	69·6	69·3	69·2	69·1	68·3	69·8	71·8	71·3	71·2	70·9	71·3	71·6	72·2	72·3	72·3	70·9
9	71·6	70·6	70·0	69·8	88·9	68·7	58·3	68·8	68·7	68·0	67·3	66·8	66·3	86·5	66·3	68·8	69·3	68·3	69·3	69·3	70·0	69·8	70·4	70·3	88·8
10	70·3	70·1	69·5	69·2	68·4	68·4	67·6	87·3	87·3	66·9	66·5	65·9	65·3	65·7	66·3	66·9	88·3	68·5	68·7	69·0	69·4	69·8	69·3	69·0	68·0
11	68·3	66·9	65·8	67·3	66·1	66·4	67·3	67·3	66·5	65·9	65·3	65·2	65·1	65·1	64·5	65·8	68·0	68·8	69·3	69·7	69·9	69·8	69·8	69·5	67·2
12	69·3	69·3	68·8	68·6	88·4	68·1	67·3	67·8	88·3	68·6	68·8	68·5	68·3	67·7	67·8	68·5	70·3	70·9	71·3	71·9	72·1	72·3	71·8	71·5	69·4
13	71·3	71·3	71·3	71·4	71·6	70·8	70·3	70·0	89·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	74·1	74·3	74·5	74·8	74·5	73·3	78·3	74·8	76·1	78·3	76·6	76·3	77·3	77·3	77·0	73·7
15	76·5	76·1	76·0	76·1	75·7	75·6	75·5	76·3	76·0	75·2	74·3	74·2	74·1	74·3	74·5	75·3	76·3	77·0	76·5	76·7	76·8	76·3	76·8	75·7	75·7
16	75·3	75·4	75·3	76·4	75·4	75·3	74·9	75·1	75·0	74·7	74·8	74·1	74·0	73·8	74·6	75·4	76·3	76·5	78·8	77·8	77·1	77·3	76·5	76·4	75·5
17	76·0	75·3	75·3	76·5	75·6	74·4	74·6	74·0	74·3	74·4	74·5	74·6	74·8	74·3	74·3	75·8	76·5	76·3	76·1	75·8	75·5	75·8	75·5	75·0	75·1
18	75·1	73·7	74·1	73·6	73·3	72·8	72·5	72·6	72·8	72·6	72·3	71·9	71·5	71·3	71·8	72·1	73·2	71·2	72·3	72·1	72·6	70·5	70·3	70·1	72·3
19	68·3	67·0	67·3	67·2	87·7	69·0	68·6	68·7	68·3	67·8	67·3	67·1	87·0	66·3	67·3	69·3	71·2	71·3	71·3	70·4	70·1	70·6	70·5	70·9	88·8
20	70·0	70·2	69·5	69·1	69·1	68·6	68·6	68·3	68·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	69·9	69·4	68·9	68·5	68·3	87·5	68·8	69·9	70·3	70·5	69·7	69·3	68·7	68·5	67·7	69·0
22	67·3	86·8	66·6	86·1	66·2	86·1	66·8	85·8	68·3	66·3	66·3	65·8	65·4	65·3	66·3	66·8	88·5	69·6	69·0	68·7	69·5	68·5	68·5	63·1	67·0
23	67·7	67·4	67·5	67·7	68·0	67·7	66·6	87·1	68·8	66·1	65·3	65·1	84·9	64·6	65·0	66·3	58·8	69·3	68·1	69·1	68·3	89·3	68·5	68·3	67·2
24	67·5	67·5	67·6	67·6	68·0	58·3	68·0	67·7	68·5	68·4	68·3	68·9	65·6	65·8	65·3	86·5	69·1	69·2	69·0	68·8	68·6	67·5	67·8	67·3	67·7
25	86·5	66·1	67·1	66·5	66·8	66·5	85·2	66·8	64·8	64·7	64·6	64·4	64·3	84·3	64·5	65·3	67·4	69·1	68·8	69·9	68·1	68·5	68·8	69·3	66·6
26	68·7	67·9	68·3	68·6	88·6	68·9	68·4	68·5	68·6	68·4	68·3	67·4	66·5	66·3	68·5	66·3	67·9	69·1	69·7	69·5	71·0	71·6	70·7	70·1	68·6
27	70·3	69·8	70·0	70·3	70·5	69·9	70·1	89·3	70·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	70·4	70·1	69·8	69·5	69·3	69·1	70·3	72·3	72·8	70·3	69·8	70·3	70·5	71·1	71·8	70·3
29	70·9	70·3	70·0	69·9	69·3	68·3	68·8	68·3	69·3	69·0	68·7	68·5	68·3	66·7	67·1	68·5	70·8	71·6	71·9	71·3	71·0	71·2	71·3	70·5	69·6
30	70·3	69·9	69·3	69·2	68·3	68·7	68·9	69·3	69·3	69·0	68·7	68·5	68·3	69·3	69·5	69·3	68·3	66·3	68·3	69·8	69·3	69·3	68·5	67·8	68·9
31	68·3	67·8	68·0	67·6	67·6	67·5	67·8	67·3	57·3	67·5	67·7	67·4	67·2	66·8	65·7	66·3	66·7	88·0	69·0	67·8	88·3	68·3	69·1	79·8	67·6
Means.	71·7	71·2	71·1	71·1	70·9	70·7	70·5	70·5	70·4	70·4	70·2	89·8	89·5	89·3	69·5	70·6	71·7	72·1	72·1	72·2	72·2	72·2	72·0	71·8	71·0

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. JANUARY 1851.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·53	0·59	0·66	0·74	0·77	0·78	0·82	0·84	0·85	0·85	0·85	0·88	0·86	0·84	0·86	0·85	0·75	0·68	0·62	0·58	0·56	0·56	0·57	0·59	0·728
2	·62	·67	·71	·74	·80	·82	·84	·86	·65	·87	·88	·88	·89	·88	·90	·89	·83	·75	·65	·64	·61	·60	·62	·63	·768
3	·66	·70	·77	·80	·85	·85	·86	·83	·83	·85	·87	88	·90	·90	·91	·87	·80	·68	·65	·60	·64	·62	·63	·64	·777
4	·67	·71	·78	·79	·80	·85	·87	·86	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·89	·89	·89	·90	·93	·92	·91	·83	·75	·68	·64	·65	·65	·64	·65	·793
6	·66	·68	·71	·72	·76	·78	·79	·84	·84	·85	·85	·87	·89	·90	·90	·89	·86	·72	·65	·63	·62	·59	·61	·64	·760
7	·66	·71	·73	·74	·74	·74	·76	·75	·78	·81	·83	·83	·84	·88	·88	·84	·81	·71	·62	·56	·56	·54	·58	·58	·728
8	·57	·62	·66	·69	·70	·71	·74	·78	·79	·81	·82	·84	·87	·87	·87	·86	·79	·71	·63	·57	·56	·57	·56	·59	·716
9	·60	·60	·62	·67	·67	·72	·74	·74	·75	·79	·82	·81	·81	·81	·81	·82	·72	·65	·60	·58	·56	·56	·58	·59	·693
10	·62	·67	·70	·72	·73	·75	·76	·77	·80	·83	·85	·86	·87	·87	·89	·90	·81	·71	·64	·61	·62	·64	·66	·65	·747
11	·68	·73	·76	·75	·76	·75	·76	·75	·77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·84	·91	·91	·92	·91	·92	·92	·85	·75	·68	·66	·65	·63	·65	·66	·774
13	·70	·76	·79	·81	·83	·81	·83	·83	·86	·88	·90	·90	·90	·90	·91	·92	·87	·77	·69	·67	·64	·64	·69	·69	·800
14	·73	·77	·83	·83	·84	·84	·85	·86	·87	·91	·95	·93	·92	·91	·93	·91	·84	·72	·67	·66	·69	·62	·64	·70	·810
15	·70	·73	·76	·76	·78	·79	·76	·78	·78	·80	·82	·87	·92	·90	·90	·88	·82	·72	·67	·65	·65	·63	·66	·69	·768
16	·69	·69	·74	·75	·79	·78	·77	·77	·79	·80	·81	·82	·84	·85	·86	·83	·73	·65	·63	·63	·62	·63	·64	·65	·740
17	·67	·69	·74	·76	·74	·72	·72	·71	·67	·67	·67	·68	·69	·68	·68	·64	·56	·55	·56	·54	·54	·56	·57	·57	·649
18	·63	·64	·65	·66	·66	·66	·67	·68	·68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·75	·81	·82	·84	·85	·87	·83	·77	·67	·63	·59	·60	·58	·59	·61	·697
20	·65	·68	·71	·71	·72	·71	·76	·79	·82	·85	·87	·88	·89	·89	·88	·87	·81	·68	·63	·61	·60	·63	·61	·62	·744
21	·64	·69	·73	·72	·75	·77	·77	·73	·75	·80	·84	·83	·83	·86	·85	·86	·78	·69	·64	·65	·63	·63	·63	·64	·740
22	·63	·68	·70	·73	·73	·75	·75	·77	·76	·79	·82	·84	·87	·89	·87	·86	·78	·70	·67	·64	·63	·61	·60	·62	·737
23	·64	·70	·73	·75	·75	·77	·76	·74	·78	·79	·80	·81	·83	·87	·86	·86	·71	·62	·59	·58	·57	·56	·59	·61	·720
24	·64	·67	·71	·72	·75	·80	·81	·84	·87	·88	·88	·88	·89	·89	·89	·88	·80	·70	·60	·56	·56	·55	·55	·54	·746
25	·69	·64	·67	·67	·71	·73	·75	·77	·81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·82	·82	·84	·87	·87	·88	·85	·76	·64	·60	·59	·58	·57	·59	·61	·718
27	·63	·62	·66	·68	·69	·69	·68	·70	·74	·78	·81	·84	·88	·89	·88	·83	·79	·69	·63	·60	·55	·58	·59	·59	·709
28	·52	·66	·68	·71	·74	·75	·76	·78	·74	·79	·84	·86	·89	·86	·86	·89	·82	·67	·62	·59	·58	·56	.58	·59	·726
29	·61	·65	·69	·71	·72	·72	·73	·74	·76	·78	·79	·81	·83	·85	·86	·86	·83	·66	·59	·58	·58	·56	·57	·59	·711
30	·62	·66	·69	·70	·71	·71	·74	·78	·77	·78	·79	·80	·82	·85	·82	·83	·73	·68	·62	·60	·61	·60	·63	·63	·715
31	·62	·68	·71	·73	·74	·75	·79	·78	·74	·79	·84	·85	·86	·85	·86	·84	·72	·65	·64	·64	·60	·59	·63	·65	·731
Means.	·648	·677	·714	·732	·749	·759	·771	·784	·791	·817	·838	·849	·864	·868	·871	·859	·784	·688	·633	·609	·602	·595	·611	·623	0·739

TENSION OF VAPOUR. JANUARY 1851.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·512	0·532	0·573	0·601	0·601	0·601	0·604	0·605	0·609	0·608	0·592	0·596	0·572	0·560	0·564	0·597	0·606	0·627	0·615	0·610	0·596	0·600	0·595	0·607	0·590
2	·607	·618	.613	·626	·654	·630	·615	·619	·604	·603	·601	·599	·588	·562	·584	·617	·662	·566	·624	·631	·621	·617	·646	·637	·619
3	·636	·641	·657	·662	·667	·654	·649	·659	·646	·645	·643	·642	·641	·626	·623	·637	·682	·652	·642	·616	·663	·658	·649	·660	·648
4	·667	·678	·703	·708	·689	·716	·700	·674	·688	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·682	·676	·670	·664	·675	·657	·674	·710	·715	·691	·668	·679	·686	·674	·667	·684
6	·657	·649	·635	·642	·662	·675	·671	·667	·648	·641	·633	·625	·618	·626	·626	·650	·706	·670	·642	·649	·647	·615	·635	·655	·648
7	·650	·665	·655	·642	·640	·631	·653	·644	·639	·642	·646	·649	·653	·657	·658	·555	·688	·678	·635	·601	·607	·594	·618	·609	·642
8	·572	·585	·610	·624	·629	·631	·644	·652	·626	·624	·621	.629	·637	·635	·635	·659	·688	·665	·626	·591	·590	·599	·598	·615	·624
9	·595	·574	·563	·596	·585	·601	·598	·591	·586	·593	·599	·590	·532	·586	·581	·607	·612	·605	·595	·609	·612	·612	·618	·621	·596
10	·625	.635	·646	·647	·652	·566	·670	·663	·671	·655	·639	·631	·624	·614	·623	·665	·683	·683	·654	·653	·670	·697	·713	.693	·657
11	·695	·710	·712	·633	·685	·673	·664	·650	·631	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·686	·740	·733	·727	·712	·713	·757	·769	·745	·714	·713	·730	·724	·732	·721	·709
13	·732	·769	·760	·767	·771	·746	·758	.746	·734	·728	·721	·715	·709	·696	·696	·751	·800	·784	·744	·737	·716	·732	·775	·770	·744
14	·779	·779	·793	·793	·795	·780	·778	·782	·776	·786	·795	·767	·739	·711	·720	·760	·805	·755	·744	·735	·769	·692	·700	·728	.761
15	·742	·731	·736	·723	·728	·734	·706	·713	·708	·716	·723	·731	·739	·709	·709	·720	·761	·735	·711	·706	·714	·703	·720	·723	·723
16	·718	·689	·705	·718	·741	·719	·712	·707	·714	·717	·720	·706	·692	·693	·682	·718	·706	·681	·686	·691	·689	·704	·701	·703	·705
17	·689	·685	·589	·709	·684	·664	·664	·642	·601	·600	·598	·603	·608	·601	·600	·573	·558	·580	·596	·592	·592	·612	·612	·602	·623
18	·632	·622	·608	·614	.606	·597	·604	·602	·601	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·614	·626	·619	·613	·620	·633	·649	·696	·667	·644	·636	·642	·630	·637	·648	·628
20	·657	·676	·672	·660	·655	·636	·658	·650	·641	·648	·655	·655	·656	·649	·640	·678	·708	·666	·654	·654	·638	·675	·652	·649	·658
21	·664	·673	·678	·661	·685	·695	·692	·691	·659	·670	·680	·666	·653	·657	·651	·680	·708	·694	·663	·687	·671	·693	·687	·676	·677
22	·656	·666	·664	·678	·680	·689	·679	·684	·666	·654	·642	·657	·673	·660	·646	·652	·652	·673	·688	·682	·671	·662	·653	·658	·666
23	·658	·687	·685	·691	·686	·696	·686	·669	·693	·690	·688	·667	·646	·650	·636	·682	·653	·624	·616	·617	·626	·628	·647	·657	·662
24	·661	·663	·678	·661	·670	·672	·651	·656	·666	·657	·648	·633	·618	·619	·611	·643	·669	·554	·616	·594	·610	·625	·600	·587	·640
25	·617	·628	·619	·598	·614	·603	·596	·585	·594	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·597	·600	·608	·617	·713	·616	·641	·653	·615	·609	·612	·609	·604	·615	·629	·612
27	·632	·585	·597	·601	·611	·606	·587	·591	·583	·581	·578	·586	·595	·579	·585	·587	·648	·635	·631	·616	·574	·614	·613	·614	·601
28	·614	·632	·603	·613	.629	·632	·635	·618	·584	·586	·588	·593	·598	·600	·586	·544	·686	·635	·626	·611	·615	·600	·517	·625	·615
29	·622	·630	·629	·637	·638	·629	·634	·629	·642	·630	·617	·597	·577	·574	·573	·627	·693	·633	·613	·605	·608	·595	·605	·613	·619
30	·618	·631	·619	·627	·625	·618	·619	·631	·618	·621	·624	·613	·603	·615	·589	·646	·642	·666	·659	·666	·664	·670	·699	·678	·636
31	·659	·676	·676	·680	·683	·684	·715	·696	·671	·682	·692	·683	·674	·658	·653	·687	·666	·663	·677	·683	·675	·665	·696	·703	·679
Means.	·651	·656	·658	·662	·665	·662	·661	·656	·648	·650	·651	·647	·641	·635	·633	·661	·686	·669	·652	·647	·648	·648	·656	·657	0·655

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

BIBLIOTECA VITTORIO EMANUELE

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. FEBRUARY 1851.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·66	0·71	0·75	0·76	0·77	0·76	0·76	·076	0·77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·76	0·75	0·74	0·73	0·81	0·81	0·81	0·69	0·62	0·59	0·58	0·58	0·56	0·57	0·59	0·704
3	·61	·68	·73	·75	·74	·74	·74	·75	·79	·82	·85	·85	·85	·88	·87	·84	·79	·64	·61	·59	·61	·60	·58	·58	·729
4	·50	·61	·65	·67	·72	·72	·72	·75	·79	·80	·81	·80	·80	·82	·80	·81	·70	·64	·59	·59	·56	·56	·53	·56	·692
5	·61	·62	·67	·68	·73	·75	·76	·78	·82	·84	·85	·85	·85	·85	·84	·78	·70	·80	·57	·56	·56	·55	·54	·56	·706
6	·57	·63	·69	·69	·71	·73	·75	·76	·76	·78	·80	·60	·81	·88	·86	·81	·74	·71	·65	·60	·57	·58	·59	·59	·708
7	·51	·66	·73	·74	·76	·77	·85	·64	·85	·85	·85	·85	·85	·65	86	·88	·79	·67	·62	·63	·58	·60	·59	·61	·745
8	·64	·67	·72	·74	·77	·80	·83	·81	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·63	·84	·82	·81	·84	·85	·84	·77	·67	·62	·60	·59	·58	·59	·61	·736
10	·55	·69	·73	·75	·75	·78	·79	·79	·80	·84	·88	·86	·84	·85	·88	·91	·79	·68	·62	·60	·59	·57	·56	·55	·740
11	·57	·66	·71	·73	·76	·79	·60	·81	·83	·84	·84	·85	·86	·87	·89	·91	·78	·71	·63	·62	·62	·63	·63	·63	·740
12	·66	·70	·81	·81	·82	·84	·88	·90	·88	·88	·88	·88	·89	·90	·92	·91	·83	·70	·66	·65	·64	·52	·62	·63	·768
13	·66	·70	·74	·77	·79	·79	·79	·79	·78	·79	·70	·81	·84	·85	·87	·85	·75	·68	·62	·59	·57	·59	·58	·59	·733
14	·60	.64	·67	·73	·75	·75	·75	·76	·79	·88	·87	·86	·86	·87	·87	·85	·75	·66	·62	·62	·61	·60	·63	·64	·735
15	·68	·71	·77	·79	·80	·81	·83	·62	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·87	·89	·87	·86	·90	·90	·89	·79	·64	·63	·61	·61	·55	·61	·63	·763
17	·64	·68	·72	·74	·77	·77	·78	·[illegible]9	·81	·85	·88	·86	·85	·86	·88	·85	·72	·65	·62	·60	·60	·59	·61	·61	·742
16	·63	·67	·74	·73	·76	·77	·76	·78	·78	·81	·84	·85	·87	·87	·88	·88	·79	·68	·61	·60	·54	·52	·52	·54	·726
19	·57	·66	·69	·74	·76	·79	·79	·79	·81	·82	·83	·84	·85	·87	·88	88	·83	·77	·70	·66	·65	·62	·62	·63	·752
20	·64	·70	·74	·75	·77	·76	·79	·80	·83	·85	·67	·88	·90	·88	·89	·88	·77	·70	·63	·62	·61	·61	·65	·65	·757
21	·66	·69	·74	·75	·77	·79	·81	·82	·89	·69	·69	·89	·90	·89	·91	·88	·82	·72	·67	·65	·62	·63	·65	·69	·776
22	·70	·71	·77	·79	·80	·83	·86	·86	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·87	·86	·90	·94	·88	·92	·87	·83	·69	·63	·56	·56	·53	·52	·57	·763
24	·58	·66	·71	·74	·79	82	·84	·88	·88	·88	·87	·88	·90	·90	·89	·87	·82	·73	·68	·63	·63	·63	·61	·62	·768
25	·63	·67	·75	·76	·79	·79	·84	·84	·85	·86	·87	·86	·66	·69	·90	·90	·83	·73	·68	·62	·60	·59	·59	·58	·762
26	·60	·64	·71	·74	·77	·78	·82	·88	·88	·88	·87	·88	·89	·87	·88	·87	·61	·71	·65	·61	·60	·61	·61	·61	·757
27	.62	·64	.71	·72	·74	·80	·80	·82	·81	·81	·81	·84	·87	·85	·85	·85	·80	·70	·62	·60	·58	·54	·56	·57	·730
26	·62	·68	·75	·77	·79	·80	·83	·68	·88	·88	·88	·87	·86	·87	·86	·89	·84	·67	·60	·54	·52	·53	·52	·52	·744
Means.	·625	·670	·725	·743	·766	·780	·800	·811	·825	·841	·849	·850	·856	·864	·873	·663	·780	·682	·643	·601	·593	·583	·583	·598	0·742

TENSION OF VAPOUR. FEBRUARY 1851.

Date	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·693	0·701	0·720	0·717	0·720	0·704	0·702	0·693	0·654	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·669	0·654	0·636	0·618	0·633	0·626	0·652	0·603	0·648	0·633	0·636	0·629	0·629	0·628	0·630	0·664
3	·639	·666	·671	·691	·676	·671	·652	·645	·635	·636	·640	·622	·604	·606	·600	·630	·672	·530	·819	·618	·648	·653	·631	·619	·641
4	·617	·599	·601	·600	·623	·623	.620	·622	.623	·615	·607	·604	·601	·586	·554	·605	·607	·608	·590	·616	·515	·594	·567	·581	·603
5	·619	·585	·600	·606	·614	·607	·609	·584	·579	·578	·577	·581	·586	·592	·593	·593	·606	·581	·574	·580	·585	·587	·572	·581	·590
6	·583	·603	·630	·619	·615	·615	·618	·811	·605	·607	·608	·586	·564	·547	·570	·586	·619	·567	·640	·628	·618	·631	·640	·637	·610
7	·644	·659	·680	·662	·652	·644	·663	·653	·655	·637	·619	·601	·584	·555	·566	·636	·662	·535	·629	·670	·623	·658	·652	·555	·638
8	·671	·672	·672	·676	·692	·705	·714	·588	·695	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·661	·627	·594	·561	·568	·568	.617	·666	·650	·653	·656	·564	·663	·6[illegible]4	·683	·654
10	·699	·698	·693	·694	·671	·687	·694	·685	·681	·681	·580	·638	·597	·583	·594	·679	·685	·655	·552	·655	·657	·640	·522	·506	·659
11	·622	·662	·663	·643	·644	·644	·638	·518	·602	.593	·584	·578	·573	·582	·597	·574	·675	·695	·674	·708	·717	·724	·727	·711	·648
12	·727	·734	·788	·782	·761	·775	·805	·812	·791	·766	·740	·723	·707	·705	·715	·755	·782	·731	·714	·730	·732	·720	·713	·709	·747
13	·722	·712	·714	·719	·727	·720	·710	·703	·687	·671	·655	·658	·552	·655	·678	·701	·703	·697	·558	·658	·646	·681	·685	.676	·688
14	·668	·660	·663	·683	·692	·685	·687	·678	·645	·659	·672	·653	·635	·638	·640	·691	·714	·707	·714	·726	·719	·727	·755	·760	·686
15	·766	·755	·771	·778	·767	·774	·782	·760	·754	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·768	·781	·741	·701	·727	·729	·776	·778	·718	·722	·718	·737	·685	·721	·721	·747
17	·728	·709	·713	·720	·734	·717	·724	·715	·733	·731	·728	·698	·669	·672	·680	·738	·718	·704	·693	·693	·697	·689	·712	·702	·709
18	·697	·698	·734	·704	·720	·719	·711	·708	·700	·696	·692	·662	·673	·657	·658	·723	·723	·702	·691	·703	·549	·628	·633	·653	·590
19	·857	·703	·693	·721	·723	·745	·739	·719	·720	·717	·714	·695	·679	·676	·583	·726	·739	·759	·746	·738	·748	·712	·720	·721	·716
20	·721	·738	·735	·729	·732	·716	·727	·706	·696	·696	·696	·691	·587	·654	·558	·729	·731	·739	·708	·714	·711	·715	·734	·738	·713
21	·735	·732	·732	·726	·734	·748	741	·724	·742	·724	·706	·696	·690	·671	·678	·704	·759	·749	·762	·768	·726	·739	·752	·759	·730
22	·757	·736	·758	·771	·768	·790	·791	·785	·742	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·702	·551	·675	·690	·623	·638	.655	·737	·704	·711	·657	·659	·637	·645	·681	·707
24	·579	·704	·705	·710	·715	·710	·704	·704	·685	·664	·642	·644	·646	·636	·634	·678	·732	·753	·740	715	·723	·732	·714	·722	·695
25	·706	·706	·738	·726	·733	·695	717	·685	·665	·549	·533	·613	·593	·612	·613	·682	·739	·735	·735	·706	·704	·705	·696	·655	·596
26	·681	·658	·706	·712	·695	·654	·665	·654	·647	·835	·625	·621	·618	·597	·596	·655	·708	·707	·713	·711	·717	·731	·724	·720	·675
27	·707	.687	·700	·664	·624	·648	·531	·644	·623	·601	·576	·588	·599	·583	·588	·655	·731	·739	·727	·728	·720	·672	·585	·894	·659
28	·725	·732	·766	·745	·738	·706	·708	·728	·704	·681	·657	·644	·632	·625	·616	·705	·784	·707	·672	·637	·627	·656	·632	.622	·686
Means.	·686	·690	·702	·700	·699	·696	·698	·689	·679	·666	·657	·645	·632	·625	·626	·678	·706	·692	·657	·682	·578	·676	·676	·677	0·677

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

Gottingen Mean Time	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time	P.M. h. m. 4. 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41	
HUMIDITY OF THE AIR MARCH 1851.																									
1	0·58	0·62	0·68	0·78	0·77	0·81	0·81	0·80	0·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·86	0·84	0·83	0·82	0·85	0·83	5·79	0·66	0·57	0·54	0·52	0·84	0·58	0·52	0·52	0·703
3	·53	·59	·62	·65	·88	·69	·72	·77	·60	·80	·79	·60	·61	·80	·88	·79	·71	·64	·61	·61	·61	·60	·60	·64	·695
4	·84	·68	·73	·78	·78	·79	·80	·80	·79	·61	·82	·83	·84	·86	·66	·83	·78	·66	·61	·60	·51	·43	·49	·54	·718
5	·60	·65	·69	·72	·74	·78	·79	·79	·83	·86	·83	·81	·80	·84	·65	·86	·75	·61	·58	·58	·57	·58	·56	·58	·719
6	·39	·62	·67	·70	·75	·74	·75	·75	·75	·77	·79	·80	·88	·83	·63	·79	·73	·86	·59	·58	·55	·68	·81	·65	·705
7	·69	·73	·76	·76	·78	·79	·80	·80	·80	·83	·85	·65	·84	·87	·68	·84	·74	·54	·61	·59	·58	·60	·60	·64	·744
8	·68	·74	·75	·79	·79	·60	·80	·81	·81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·55	·88	·90	·92	·91	·90	·88	·78	·69	·66	·63	·67	·63	·63	·64	·772
10	·68	·72	·75	·78	·80	·82	·83	·84	·87	·90	·92	·90	·88	·92	·69	·85	·77	·67	·83	·65	·62	·53	·57	·81	·769
11	·69	·73	·77	·81	·79	·79	·80	·80	·80	·82	·84	·64	·85	·88	·86	·82	·71	·66	·61	·61	·64	·52	·61	·65	·749
12	·66	·71	·75	·78	·80	·81	·61	·83	·86	·88	·89	·89	·89	·91	·92	·84	·74	·68	·60	·51	·59	·60	·61	·61	·760
13	·64	·71	·74	·78	·79	·81	·64	·86	·67	·89	·91	·91	·91	·91	·96	·85	·77	·68	·62	·59	·58	·56	·56	·56	·761
14	·59	·66	·70	·74	·76	·76	·78	·88	·86	·88	·89	·87	·88	·86	·63	·83	·78	·68	·68	·62	·61	·62	·66	·53	·743
15	·59	·70	·73	·74	·77	·78	·86	·68	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·80	·90	·67	·85	·80	·89	·84	·76	·58	·62	·62	·63	·62	·62	·81	·760
17	·52	·59	·73	·76	·78	·80	·83	·88	·86	·87	·88	·89	·90	·86	·88	·83	·74	·65	·81	·63	·62	·62	·61	·60	·755
18	·83	·87	·72	·73	·76	·75	·81	·88	·63	·66	·88	·88	·88	·87	·67	·81	·70	·67	·60	·59	·59	·61	·61	·63	·741
19	·58	·70	·78	·77	·80	·81	·81	·85	·87	·68	·88	·89	·90	·88	·90	·86	·71	·62	·61	·59	·59	·57	·56	·56	·750
20	·81	·67	·78	·79	·80	·80	·63	·87	·88	·88	·88	·89	·80	·91	·91	·83	·71	·62	·55	·57	·55	·54	·58	·55	·744
21	·82	·68	·76	·79	·81	·62	·62	·88	·83	·83	·87	·87	·88	·85	·86	·80	·68	·58	·51	·54	·55	·57	·37	·61	·731
22	·84	·71	·79	·81	·84	·84	·84	·84	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·87	·88	·85	·88	·68	·91	·84	·75	·86	·63	·60	·80	·60	·82	·64	·768
24	·68	·78	·78	·81	·82	·83	·82	·84	·87	·87	·87	·88	·89	·69	·89	·84	·72	·65	·62	·61	·61	·59	·59	·61	·762
25	·88	·70	·77	·80	·84	·65	·88	·83	·86	·87	·67	·87	·88	·90	·91	·85	·77	·70	·63	·61	·81	·60	·59	·62	·770
26	·64	·69	·74	·74	·79	·79	·81	·81	·83	·88	·88	·85	·84	·85	·88	·84	·72	·65	·64	·60	·58	·59	·58	·58	·741
27	·63	·67	·72	·75	·77	·77	·77	·78	·81	·82	·83	·83	·83	·83	·86	·79	·71	·63	·60	·57	·59	·61	·39	·61	·724
28	·62	·65	·71	·74	·78	·78	·79	·79	·60	·81	·82	·83	·84	·84	·87	·79	·70	·61	·54	·61	·80	·68	·64	·67	·787
29	·87	·70	·73	·76	·76	·76	·77	·78	·78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·83	·87	·87	·88	·89	·88	·60	·71	·60	·58	·61	·50	·62	·63	·63	·768
31	·56	·69	·75	·79	·79	·80	·80	·81	·81	·82	·82	·83	·84	·61	·83	·80	·71	·60	·60	·59	·56	·61	·60	·64	·733
Means.	·635	·683	·733	·768	·782	·791	·807	·880	·864	·850	·861	·859	·860	·865	·878	·826	·727	·644	·601	·597	·591	·589	·591	·608	0·742
TENSION OF VAPOUR MARCH 1851.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·651	0·674	0·692	0·684	0·679	0·677	0·649	0·627	0·644	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·654	0·664	0·642	0·620	0·650	0·656	0·674	0·648	0·624	0·616	0·601	0·634	0·616	0·613	0·509	0·645
3	·591	·621	·607	·619	·684	·825	·619	·629	·620	·610	·600	·599	·698	·575	·593	·652	·683	·691	·668	·715	·719	·717	·710	·728	·643
4	·732	·786	·740	·769	·749	·752	·738	·735	·728	·731	·736	·705	·675	·578	·876	·714	·733	·718	·694	·710	·616	·565	·606	·631	·703
5	·686	·708	·696	·712	·712	·722	·707	·703	·697	·682	·666	·641	·616	·635	·686	·723	·734	·676	·659	·682	·685	·692	·659	·876	·684
6	·670	·671	·680	·695	·789	·731	·740	·761	·723	·714	·703	·697	·692	·668	·689	·714	·744	·781	·714	·720	·703	·731	·729	·748	·712
7	·786	·799	·795	·798	·618	·809	·606	·807	·796	·797	·797	·789	·782	·779	·778	·792	·770	·741	·740	·739	·745	·764	·751	·788	·788
8	·801	·806	·782	·811	·805	·807	·602	·800	·789	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·777	·765	·768	·771	·747	·745	·799	·802	·764	·759	·764	·811	·775	·775	·774	·783
10	·793	·793	·786	·612	·816	·812	·806	·793	·780	·785	·789	·760	·761	·750	·741	·774	·803	·756	·762	·808	·779	·742	·737	·767	·778
11	·808	·812	·861	·858	·830	·824	·834	·826	·330	·833	·885	·923	·812	·799	·804	·812	·799	·799	·805	·817	·868	·635	·807	·640	·828
12	·826	·831	·822	·832	·839	·836	·830	·823	·816	·798	·779	·774	·770	·785	·806	·820	·601	·783	·763	·823	·808	·881	·823	·816	·809
13	·829	·837	·827	·841	·867	·838	·831	·797	·791	·788	·785	·763	·742	·739	·771	·818	·824	·787	·776	·748	·740	·728	·718	·725	·786
14	·739	·748	·751	·778	·754	·750	·749	·756	·746	·740	·761	·707	·684	·875	·704	·748	·754	·775	·765	·797	·807	·826	·871	·647	·758
15	·869	·814	·797	·786	·791	·791	·799	·805	·787	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·760	·732	·708	·573	·618	·698	·741	·774	·779	·767	·794	·817	·810	·807	·781	·771
17	·758	·793	·781	·787	·776	·769	·768	·758	·746	·737	·728	·730	·733	·710	·740	·762	·782	·785	·780	·795	·800	·614	·793	·798	·756
18	·784	·790	·798	·785	·769	·765	·784	·778	·765	·764	·762	·753	·745	·728	·737	·771	·762	·791	·767	·791	·804	·824	·816	·831	·778
19	·628	·830	·826	·824	·889	·838	·825	·821	·803	·804	·805	·796	·788	·763	·784	·888	·777	·746	·796	·793	·816	·603	·773	·711	·801
20	·797	·796	·856	·845	·866	·811	·822	·826	·813	·803	·796	·806	·818	·839	·855	·848	·809	·800	·770	·841	·797	·793	·776	·772	·813
21	·629	·845	·882	·897	·895	·899	·885	·868	·854	·854	·654	·885	·677	·858	·873	·884	·831	·788	·769	·808	·824	·834	·835	·851	·853
22	·866	·878	·929	·932	·943	·934	·916	·906	·907	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·894	·881	·834	·786	·831	·869	·890	·882	·825	·866	·844	·841	·842	·859	·864	·876
24	·684	·880	·887	·903	·900	·908	·676	·865	·854	·841	·827	·823	·819	·806	·881	·855	·841	·823	·826	·835	·646	·822	·816	·614	·850
25	·809	·828	·862	·871	·904	·894	·901	·890	·870	·848	·826	·805	·784	·783	·811	·887	·853	·834	·797	·795	·817	·801	·793	·785	·883
26	·781	·794	·806	·797	·881	·818	·829	·797	·770	·774	·778	·746	·718	·723	·740	·807	·804	·782	·805	·786	·783	·791	·784	·757	·783
27	·799	·797	·802	·820	·824	·811	·818	·807	·810	·800	·789	·775	·762	·747	·787	·854	·842	·830	·818	·790	·844	·849	·886	·854	·810
28	·686	·811	·835	·649	·879	·874	·871	·860	·862	·854	·846	·687	·828	·797	·840	·883	·857	·884	·800	·909	·883	·839	·901	·981	·856
29	·902	·880	·876	·884	·878	·865	·866	·858	·658	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·886	·913	·897	·882	·896	·915	·929	·907	·830	·831	·881	·887	·919	·917	·898	·885
31	·902	·882	·915	·948	·924	·921	·914	·906	·896	·871	·846	·833	·821	·782	·829	·885	·874	·805	·829	·821	·823	·865	·649	·864	·867
Means.	·790	·794	·802	·813	·816	·811	·807	·799	·791	·785	·778	·764	·751	·746	·767	·801	·796	·772	·766	·785	·787	·787	·782	·787	0·788

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

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HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time	P.M. h. m. 4. 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41	
HUMIDITY OF THE AIR APRIL 1851.																									
1	0·64	0·68	0·71	0·75	0·75	0·77	0·79	0·79	0·81	0·81	0·81	0·82	0·83	0·68	0·86	0·79	0·71	0·82	0·81	0·89	0·58	0·60	0·60	0·81	0·725
2	·64	·68	·70	·73	·75	·78	·77	·78	·81	·88	·84	·88	·88	·88	·88	·79	·69	·63	·89	·58	·58	·54	·84	·89	·721
3	·81	·85	·72	·75	·76	·79	·80	·79	·83	·84	·65	·87	·90	·87	·87	·79	·87	·59	·84	·55	·84	·40	·42	·46	·702
4	·46	·86	·68	·71	·74	·77	·78	·77	·80	·81	·81	·85	·90	·90	·87	·77	·66	·57	·54	·58	·55	·51	·47	·50	·691
5	·57	·63	·76	·60	·83	·85	88	·88	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	··	—	—	·85	·62	·84	·87	·81	·80	·74	·89	·84	·80	·58	·87	·56	·55	·88	·734
7	·61	·62	·68	·72	·72	·74	·74	·75	·78	·79	·80	·84	·89	·84	·82	·70	·68	·87	·88	·52	·52	·80	·50	·50	·680
8	·50	·54	·88	·86	·81	·83	·63	·66	·67	·70	·72	·76	·74	·75	·74	·87	·60	·59	·59	·58	·58	·59	·59	·60	·680
9	·61	.66	·73	·70	·73	·74	·76	·78	·79	·81	·83	·83	·84	·83	·82	·74	·66	·62	·80	·59	·88	·58	·56	·88	·706
10	·60	·67	·72	·72	·78	·74	·75	·76	·75	·76	·77	·80	·88	·83	·84	·75	·65	·57	·56	·56	·51	·54	·57	·87	·890
11	·82	·70	·78	·76	·80	·80	·81	·82	·85	·86	·66	·88	·90	·87	·88	·76	·65	·61	·60	·56	·53	·53	·85	·86	·727
12	·58	·85	·78	·79	·31	·83	·85	·85	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·89	·88	·83	·89	·87	·84	·77	·70	·68	·84	·62	·60	·53	·60	·64	·781
14	·66	·70	·78	·60	·81	·83	·84	·86	·88	·88	·87	·87	·88	·69	·87	·61	·70	·64	·62.	·61	·61	·59	·60	·62	·759
15	·67	·72	·79	·63	·84	·85	·86	·68	·89	·89	·89	·69	·90	·69	·86	·76	·67	·63	·82	·00	·60	·58	·89	·62	·768
16	·66	·88	·74	·81	·84	·84	·85	·87	·88	·87	·86	·88	·84	·85	·81	·72	·65	·61	·59	·56	·56	·86	·87	·82	·740
17	·71	·72	·77	·81	·83	·62	·86	·82	·81	·88	·68	·87	·89	·87	·67	·77	·67	·62	·63	·61	·62	·60	·59	·61	·751
18	·88	72	·78	·77	·80	·81	·81	·88	·83	·84	·85	·65	·88	·87	·81	·74	·71	·63	·61	·80	·80	·61	·01	·83	·744
19	·68	·87	·78	·76	·79	·80	·80	·80	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·84	·84	·86	·88	·87	·88	·73	·65	·86	·56	·58	·86	·54	·84	·58	·718
21	·64	·70	·74	·77	·80	·80	·80	·88	·83	·84	·84	·65	·86	·85	·61	·69	·62	·55	·52	·83	·84	·84	·86	·85	·710
22	·58	·83	·74	·77	·61	·81	·82	·84	·83	·63	·82	·86	·91	·88	·81	·72	·69	·83	·58	·55	·84	·58	·88	·59	·719
23	·64	·73	78	·82	·83	·84	·86	·87	·89	·88	·87	·87	·88	·88	·88	·74	·65	·59	·59	·59	·58	·58	·89	·60	·780
24	·63	·66	·69	·76	·80	·81	·82	·84	·87	·89	·90	·90	·90	·89	·84	·78	·63	·61	·58	·55	·54	·86	·55	·59	·730
25	·65	·72	·81	·81	·82	·84	·84	·85	·88	·88	·85	·83	·91	·89	·82	·78	·68	·88	·81	·00	·60	·88	·82	·65	·755
26	·66	·74	·30	·85	·84	·85	·88	·87	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·86	·82	·89	·90	·88	·83	·82	·77	·64	·89	·57	·58	·58	·61	·63	·788
28	·72	·75	·78	·81	·80	91	·83	·83	·83	·82	·81	·84	·88	·86	·88	·75	·59	·66	·60	·58	·60	·82	·60	·61	·748
29	·82	·65	·70	·74	·77	·77	·76	·81	·79	·81	·82	·83	·85	·84	·82	·76	·69	·68	·84	·68	·82	·58	·59	·88	·726
30	·87	·69	·78	·77	·78	·78	·79	·81	·61	·82	·82	·82	·83	·62	·81	·79	·74	·88	·61	·89	·56	·57	·59	·58	·729
Means.	·627	·876	·735	·785	·784	·795	·807	·818	·829	·838	·837	·851	·871	·860	·883	·753	·874	·618	·585	·579	·571	·860	·585	·588	0·728
TENSION OF VAPOUR APRIL 1851.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·849	0·858	0·836	0·859	0·852	0·862	0·809	0·861	0·837	0·810	0·782	0·7 6	0·770	0·778	0·797	0·832	0·837	0·807	0·891	0·801	0·818	0·843	0·831	0·837	0·826
2	858	·849	·848	·844	·845	·850	·848	·828	·887	·832	·827	·829	·831	·723	·828	·860	·844	·829	·812	·844	·639	·798	·799	·844	·834
3	·841	·646	·867	·871	·867	·682	·878	·848	·843	·832	·621	·825	·880	·779	·800	·838	·820	·799	·800	·818	·221	·825	·656	·876	·612
4	·697	·748	·818	·883	·844	·858	·255	·812	·812	·788	·764	·782	·801	·812	·827	·840	·820	·778	·804	·876	·880	·783	·738	·773	·805
5	·835	·895	·982	·946	·961	·977	·996	·984	·959	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·918	·870	·886	·903	·844	·847	·843	·632	·885	·819	·816	·216	·801	·799	·818	·880
7	·623	·794	·798	·812	·788	·787	·768	·766	·788	·742	·780	·752	·774	·711	·738	·782	·747	·767	·709	·895	·706	·700	·693	·889	·745
8	·673	·684	·847	·845	·662	·874	·656	851	·833	·834	·835	.631	·627	·829	·648	·686	·710	·765	·807	·812	·818	·840	·841	·827	·702
9	·827	·850	·885	·816	·822	·833	·850	·855	.853	·854	·854	·842	·830	·794	·817	·844	·846	·851	·847	·842	·810	·838	·612	·842	·638
10	·641	·861	·876	·840	847	·844	·847	·831	·816	·609	·729	·812	·825	·796	·647	·882	·821	·800	·818	·238	·780	·811	·885	·821	·828
11	.859	·880	·877	·894	·920	·921	·914	·912	·9·6	·897	·880	·889	·892	·854	·878	·887	·863	·867	·880	·838	·201	·805	·628	·831	·874
12	·209	·667	·909	·947	·950	·988	·968	·980	·980	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·963	·945	·982	·920	·878	·898	·930	·919	·913	·913	·918	·904	·903	·904	·828	·921
14	·928	·918	·942	·953	·951	·963	·948	·962	·963	·938	·913	·896	·880	·888	·912	·958	·917	·916	·919	·914	·919	·898	·899	·886	·924
15	922	·245	·954	·966	·964	.989	·962	·277	.931	.968	·955	·949	·948	·928	924	·920	·903	·903	·918	·904	·902	·880	·873	·919	·935
16	·946	·913	·917	.281	·970	·964	·269	·966	·971	·955	·939	·206	·874	·898	·864	·678	·867	·683	·871	·870	·874	·350	·887	·897	·911
17	·952	·939	·942	·949	·951	·945	·941	·912	·898	·902	·208	·909	·911	·883	·936	916	·932	·893	.920	·914	·948	·908	·897	·908	·921
18	941	·947	·957	·951	·940	·940	·938	·944	·931	·938	·938	·910	·833	·878	·868	·900	·913	·913	·922	·911	·906	·240	·929	·908	·923
19	·903	·909	·926	·945	·951	·937	·931	·910	·902	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	.861	·820	·923	·827	·820	·843	.848	·880	·809	·866	·858	·259	·821	·809	·642	·889
21	·887	·896	·901	·912	·928	·921	·906	·927	·913	·897	·880	·877	·875	·843	·864	·849	·838	·829	·846	·860	·652	·859	·833	·851	·877
22	·853	·883	·933	·944	·961	·966	·959	964	·933	·909	·288	·919	·954	·925	·697	·902	·938	·213	·925	·894	·882	·845	·872	·207	·907
23	944	·972	·989	1·008	1·000	·997	1·002	·999	1·002	·981	·959	·965	.972	·972	·981	·939	.906	·912	·963	·964	·960	·941	·918	·918	·986
24	·921	·908	·885	0·942	0·970	·974	0·980	·999	010	1·012	1·004	1·010	1·016	·989	·990	·967	·909	·914	·906	·921	·926	·923	896	·920	·955
25	·949	·982	1·036	1·021	1·012	1·027	1·013	1·009	·004	0·987	0·970	·006	·042	1·030	·290	·283	·975	·948	·948	·941	·914	·919	·985	·971	·985
26	·975	1·000	·022	·049	·031	024	·025	·005	·008	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·994	·979	0·980	0·992	0·953	·962	·988	·988	·958	·949	·936	·925	·951	·945	·927	.981
28	·988	0·984	0·980	·012	0·966	0·989	1·000	1·002	0·993	·973	·983	·988	1·009	·977	1·000	·947	·947	·958	·947	·912	·943	·965	·945	·915	·971
29	·890	·898	·902	0·983	·950	·951	0·948	0·910	.958	·980	·983	·968	0·974	·938	0·929	·929	·922	·943	·927	·911	·926	·885	·896	·921	·930
30	·922	·915	·937	·936	·948	·941	·945	·955	·941	·939	·938	·934	·982	·905	·904	·920	·931	·916	·914	·929	·878	·870	·878	·839	·919
Means.	·878	·890	·904	·915	·919	921	·920	·918	·910	·896	·852	·884	·858	·864	·876	·888	·876	·861	·877	·875	·868	·853	·852	·262	0·888

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

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HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4. 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41	
HUMIDITY OF THE AIR. MAY 1851.																									
1	0·58	0·62	0·65	0.65	0·77	0·83	0·84	0·83	0.85	0·85	0·84	0·85	0·87	0·86	0·83	0·80	0·77	0·76	0·78	0·79	0·83	0·86	0·81	0·82	0·789
2	·77	·83	·83	·81	·85	·90	·91	·92	·93	·91	·89	·90	·91	·85	·91	·89	·90	·94	·95	·95	·92	·94	·97	·98	·900
3	·97	·98	·97	·96	·95	·97	·94	1·00	·97	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·95	·92	·91	·90	·91	·91	·92	·93	·90	·89	·86	·82	·81	·79	·82	·915
5	·80	·79	·79	·79	·85	·86	·87	0·87	·89	·87	·84	·85	·86	·83	·81	·76	·72	·74	·73	·68	·63	·63	·64	·71	·784
6	·72	·73	·74	·75	·81	·83	·83	·86	·89	·88	·87	·87	·88	·90	·87	·82	·78	·71	·62	·62	·56	·66	·58	·59	·761
7	·60	·66	·68	·71	·80	·85	·88	·88	·91	·93	·94	·92	·91	·93	·88	·79	·62	·57	·55	·51	·57	·62	·54	·56	·738
8	·58	·59	·70	·71	·79	·83	·86	·90	·92	·91	·89	·90	·91	·92	·84	·79	·72	·65	·59	·57	·53	·49	·48	·47	·731
9	·57	·63	·72	.78	·79	·84	·86	·89	·90	·89	·87	·87	·87	·85	·72	·66	·56	·52	·50	·50	·48	·48	·51	·50	·696
10	·52	·57	·65	·69	·77	·82	·87	·88	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·89	·91	·77	·64	·70	·66	·60	·57	·49	·44	·40	[illegible]	·48	·58	·59	·656
12	·69	·61	·71	·75	·80	·86	·87	·87	·86	·86	·87	·88	·89	·90	·81	·68	·64	·49	·42	·42	·43	·45	·60	·55	·691
13	·56	·58	·68	·71	·76	·80	·84	·87	·86	·85	·85	.85	·86	·90	·82	·73	·69	·66	·56	·45	·39	·34	·51	·52	·693
14	·56	·52	·70	·75	·80	·82	·83	·85	·85	·79	·73	.72	·72	·79	·74	·61	·56	·54	·48	·42	·37	·37	·37	·40	·637
15	·42	·44	·56	·71	·81	·83	·84	·86	·85	·83	·81	·80	·80	·84	·79	·69	·64	·56	·58	·59	·61	·60	·60	·61	·695
16	·60	·66	·71	·74	·82	·85	·84	·85	·87	·87	·86	·96	·87	·89	·83	·76	·69	·64	·67	·66	·67	·65	·63	·62	·755
17	·63	·68	·76	·77	·82	·86	·89	·90	·90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·88	.86	·87	·89	·89	.84	·77	·70	·66	·61	·62	·61	·67	·70	·65	·769
19	·71	·72	·83	·85	·88	·87	·87	·88	.88	·87	·85	·86	·87	·88	·84	·77	·71	·68	·68	·68	·68	.67	·67	·67	·756
20	·70	·71	·81	·84	·86	·86	·85	·85	·87	·89	·91	·90	·89	·90	·84	·77	·70	·63	·64	·66	·67	·68	·66	·66	·781
21	·67	·68	·76	·76	·81	·85	·87	·88	·88	·89	·89	·89	·89	·91	·85	·77	·70	·65	·62	·67	·68	·67	·68	·67	·775
22	·69	·71	·79	·82	·88	·91	·90	·90	·88	·87	·85	·84	·83	·87	·81	·74	·68	·62	·57	·56	·51	·56	·58	·62	·750
23	·62	·67	·74	·75	·77	·80	·83	·83	·80	·80	·79	·79	·80	·79	·76	·66	·62	·64	·75	.77	·80	·75	·75	·75	·751
24	·73	·75	·77	·79	·85	·87	.88	·91	·95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·91	·87	·87	·88	·92	·85	·76	·70	·66	·65	·64	·61	·62	·62	·64	·779
26	·65	·66	·77	·78	·79	·79	·80	·80	·82	·85	·87	·87	.88	·88	·87	·80	·74	·69	·70	·66	·66	·65	·65	·65	·762
27	·66	·66	·75	·77	·81	·84	·85	·85	·83	·80	·77	·80	·84	·84	·79	·73	·70	·64	·61	·56	·52	·49	·51	·55	·715
28	·60	·60	·71	·72	·76	·81	·84	·84	·84	·84	·84	·83	·82	·84	·78	·64	·56	·51	·49	·54	·58	·58	·58	·57	·697
29	·58	·58	·67	·68	·74	·77	·81	·84	·86	·85	·84	·84	·84	·85	·78	·66	·54	·49	·48	·45	·45	·44	·45	·43	·663
30	·47	·58	·64	.66	·71	·76	·77	·69	·66	·67	·67	·69	·71	·71	·72	·78	·70	.57	·49	·46	·43	·41	·41	·46	·618
Means.	·637	·662	·734	·756	·810	·841	·855	·865	·863	·862	·850	·846	·847	·861	·813	·744	·682	·639	·617	·603	·592	·591	·607	·619	0·742
TENSION OF VAPOUR. MAY 1851.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·817	0·812	0·812	0·798	0·927	0·993	0·997	0·971	1·001	0·985	0·968	0·978	0·949	0·985	0·970	0·957	0·942	0·934	0·955	0·833	0·816	0·506	0·785	0·819	0·910
2	·799	·792	·790	·785	·841	·906	·941	·958	0·975	·945	·914	·905	·896	·887	·896	·873	·899	·906	·922	·930	·907	·933	·941	·855	·893
3	·911	·943	·911	·914	·906	·895	·906	·906	·911	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·932	·952	·937	·922	·924	·901	·905	·849	·797	·813	·820	·842	·880	·908	·893	·895
5	·862	·852	·847	·849	·903	·910	·902	·884	·889	·849	·809	·814	·819	·788	·783	·794	·816	·862	·869	·858	·846	·860	·857	·862	·851
6	·836	·815	·795	·791	·838	·838	·815	·838	·858	·845	·831	·822	·813	·808	·857	·869	·885	·870	·823	·838	·795	·782	·784	·775	·826
7	·772	·788	·780	·778	·863	·906	·937	·931	·961	·959	·956	·928	·901	·909	·921	·893	·735	·704	·720	·694	·817	·786	·775	·774	·841
8	·784	·753	·832	·823	·887	·932	·938	·984	·988	·956	·923	·925	·927	·923	·910	·929	·911	·867	·824	·834	·804	·764	·787	·788	·875
9	·868	·924	·918	·899	·951	·999	·995	1·012	1·016	·976	·936	·921	·907	·882	·837	·807	·735	·722	·748	·785	·792	·815	·843	·840	·880
10	·834	·864	·671	·877	·962	1·001	1·009	·033	.008	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	1·016	1·022	·856	·691	·729	·738	·752	·761	·707	·668	·661	·629	·737	·893	·908	·844
12	·885	·886	·915	·929	·969	·014	·005	0·989	0·943	0·931	0·918	·911	·904	·895	·882	·802	·686	·671	·621	·657	·687	·717	·771	·847	·851
13	·833	·826	·866	·862	·898	0·990	0·974	1·008	·959	·938	·917	·906	·896	·918	·908	·888	·898	·907	·818	·705	·632	·577	·868	·848	·868
14	·875	·797	·923	·942	·979	·975	·976	0·984	·959	·862	·765	·760	·755	·792	·793	·786	·733	·738	·728	·683	·649	·679	·871	·687	·810
15	·688	·690	·775	·913	1·010	1·010	·999	1·002	·970	·919	·867	·844	·822	·846	·864	·839	·835	·825	·877	·922	·952	·942	·934	·913	·886
16	·880	·905	·895	·889	0·959	0·988	·966	0·912	·966	·940	·914	·906	·898	·904	·900	·909	·894	·903	·971	·972	·953	·962	·954	·936	·931
17	·921	·916	·941	·915	·960	·994	1·011	1·006	·996	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·971	·945	·950	·956	·948	·973	·951	·956	·966	·954	·963	·947	·999	1·006	·969	·963
19	·994	·965	1·000	1·000	1·026	1·002	·006	·010	1·010	·977	·943	·943	·944	·945	·965	·957	·953	·970	1·007	1·013	1·006	1·004	0·965	·976	·983
20	·983	·955	0·989	0·991	·004	0·996	0·961	0·970	0·974	·992	1·009	·984	·959	·964	·966	·960	·942	·928	0·974	0·991	·004	·009	·995	·972	·979
21	·972	·944	·945	·922	0·936	·988	·997	·992	·983	·979	0·974	·967	·960	·974	·969	·969	·966	·975	·985	1·019	·034	·024	1·005	1·011	·981
22	1·011	·986	·985	·991	1·043	1·069	1·063	1·044	1·010	·976	·942	·922	·903	·943	·941	·937	·944	·923	·907	0·915	0·941	0·945	0·946	0·968	·971
23	0·936	·971	·980	·969	0·976	0·996	·024	·020	0·985	·964	·943	·927	·911	·879	·878	·850	·828	·841	·874	·853	·914	·905	·904	·910	·929
24	·899	·888	·883	·888	·953	·974	0·964	0·967	·977	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·934	·890	·877	·864	·898	·878	·864	·883	·866	·869	·873	·831	·842	·838	·867	·894
26	·868	·883	·912	·893	·879	·873	·886	·878	·885	·887	·888	·857	·886	·894	·928	·921	·946	·910	·916	·903	·907	·902	·899	·895	·897
27	·886	·896	·905	·890	·926	·948	·960	·934	·901	·854	·806	·826	·846	·848	·869	·875	·920	·888	·906	·874	·858	·826	·849	·890	·883
28	·911	·889	·921	·894	·931	·972	·990	·970	·965	·945	·924	·896	·869	·880	·901	·838	·778	·775	·788	·838	·903	·902	·906	·928	·896
29	·924	·841	·878	·860	·916	·951	·982	1·008	1·002	·978	·953	·939	·925	·932	·939	·910	·774	·739	·766	·752	·793	·805	·822	·822	·884
30	·849	·871	·870	·872	·922	·971	·986	0·810	0·767	·752	·747	·764	·792	·784	·808	·943	·934	·837	·772	·739	·713	·728	·751	·826	·824
Means.	·878	·871	·890	·890	·938	·963	·970	·964	·956	·933	·910	·896	·882	·888	·891	.881	·862	·847	·849	·847	·847	·851	·874	·877	0·894

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. JUNE 1851.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
May 31	0·46	0·49	0·65	0·71	0·72	0·73	·07 5	0·78	0·52	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·79	0·75	0·75	0·76	0·69	0·66	0·60	0·51	0·49	0·43	0·38	0·38	0·37	0·34	0·34	0·598
2	·34	·38	·44	·49	·67	·75	74	·69	·67	·68	·68	·69	·71	·70	·60	·57	·52	·46	·43	·41	·41	·41	·51	·51	·561
3	·51	·60	·70	·71	·74	·74	·78	·76	·75	·74	·73	·73	·74	·73	·65	·64	·61	·57	·49	·47	·42	·40	·43	·43	·628
4	·45	·55	·62	·73	·76	·74	·76	·73	·70	·70	·70	·69	·68	·69	·66	·60	·56	.52	·48	·45	·42	·39	·37	·37	·597
5	·53	·67	·70	·72	·78	·76	·76	·77	·77	·75	·74	·74	·75	·74	·66	.61	·57	·54	·52	·49	·47	·43	·43	·42	·638
6	·42	·42	·48	·51	·53	·51	·51	·53	·56	·58	·60	·63	·66	·67	·61	·56	·50	·49	·46	·44	·40	·39	·39	·40	·510
7	·40	·41	·48	·56	·64	·72	·64	·61	·65	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·61	·57	·58	·60	·60	·61	·57	·51	·48	·44	·41	·41	·39	·40	·38	·528
9	·41	·42	†·64	·71	·74	·63	·60	·60	·62	·62	·61	·61	·62	·62	·63	·58	·51	·49	·45	·43	·41	·39	·37	·39	·546
10	·42	·44	·52	·54	·55	·55	·53	·54	·56	·59	·61	·60	·60	·59	·60	·59	·51	·49	·46	·42	·43	·40	·41	·40	·514
11	·40	·43	·43	·45	·50	·49	·50	·52	·55	·56	·56	·59	·63	·62	·57	·52	·48	·46	·43	·42	·41	·39	.39	·41	·488
12	·49	·63	·78	·82	·81	·79	·77	·81	·81	·77	·72	·69	·67	·63	·58	·52	·49	.45	·43	·43	·41	·40	·38	·37	·608
13	·37	·37	·45	.62	·77	·75	·77	·78	·75	·74	·73	·76	·80	·69	·65	·56	·52	·49	·44	·44	·41	·43	·47	·54	·596
14	·60	·61	·63	·63	.73	·79	·80	·80	·81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·76	·71	·73	.76	·74	·69	·61	·61	·54	·47	·60	·59	·55	·55	·56	·661
16	·58	·61	·75	·78	·80	·78	·76	·84	·80	·81	·82	·82	·82	·84	·77	·70	·65	·60	·57	·57	·53	·51	·55	·61	·703
17	·62	·68	·77	·81	·80	·70	·73	·73	·77	·78	·78	·80	·83	·82	·70	·62	·54	·50	·49	·47	·46	·43	·39	·42	·652
18	·50	·62	·70	·75	·77	·78	·81	·78	·70	·70	·69	·67	·65	·66	·63	·56	·52	·48	·47	·44	·43	·41	·39	·38	·604
19	·47	·61	·66	·69	·75	·77	·81	·78	·77	·76	·75	·71	·68	·61	·60	·58	·54	·50	·44	·43	·43	·41	·49	·52	·615
20	·57	·60	·70	·73	·76	·80	·79	·77	·77	·76	·74	·75	·76	·77	·75	·66	·54	·52	·46	·43	·46	.43	·45	·45	·643
21	·56	·63	·69	·71	·73	·73	·77	·84	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·89	·58	·87	·87	·88	·91	·88	·83	·77	·62	·56	·59	·54	·53	·56	·739
23	·60	·72	·78	·82	·82	·84	·85	·85	·86	·86	·85	·86	·87	·87	·78	.71	·67	·65	·57	·56	·57	·59	·62	·66	·743
24	·66	·66	·77	·83	·85	·83	·83	·81	·83	·85	·86	·86	·87	·84	·70	·64	·63	·59	·55	·52	·48	·48	·47	·56	·707
25	·58	·63	·74	·81	·82	·79	·81	·82	·81	·81	·80	·82	·84	·83	·80	·69	·60	·57	·51	·51	·49	·46	·51	·56	·692
26	·61	·66	·73	·79	·84	·83	·80	·82	·82	·83	·83	·83	·83	·83	·79	·67	·59	·56	·48	·48	·43	·46	·51	·57	·691
27	·65	·67	·75	·78	·82	·81	·80	·80	·79	·79	·79	.79	·79	·79	·76	·73	·63	·57	·55	·50	·49	·47	·45	·54	·688
28	·64	·72	·77	·78	·80	·81	·81	·80	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·82	·81	·83	·85	·86	·80	·70	·64	·59	·59	·60	·59	·59	·60	·61	·726
30	·62	·63	·69	·75	·81	·82	·80	·80	·83	·84	·84	·85	·87	·88	·80	·75	·70	·62	·58	·59	·58	·57	·56	·58	·723
Means.	·518	·572	·653	·701	·743	·740	·741	·745	·749	·746	·737	·740	·750	·738	·691	·632	·576	·538	·493	·479	·465	·450	·460	·482	0·631

TENSION OF THE VAPOUR. JUNE 1851.

	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
MAY 31	0·793	0·821	0·952	0·953	0·734	0·930	0·938	0·953	0·983	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·929	0·874	0·863	0·852	0·777	0·767	0·742	0·741	0·728	0·668	0·641	0·685	0·677	0·632	0·652	0·804
2	·640	·675	·710	·756	·972	1·029	·998	·903	·846	·846	·846	·840	.834	·809	·779	·770	·782	·755	·745	·729	·774	·770	·844	·832	·812
3	·806	·879	·951	·955	·966	0·989	·967	·926	·911	·890	·868	·862	.857	·846	·793	·808	·825	·825	·737	·716	·706	·711	·752	·751	·844
4	·760	·828	·859	·944	·962	·925	·941	·892	·851	.839	·826	·810	795	·798	·819	·820	·824	·813	·788	.776	·777	·751	·712	·715	·826
5	·774	·765	·789	·806	·871	·850	·837	·837	·840	·821	·801	·801	·801	·788	·731	·740	·773	·749	·754	·757	·781	·760	·762	·743	·789
6	.750	·736	·766	·766	·762	·703	·680	·684	·696	·702	·707	·721	·835	·729	·691	·694	·691	·702	·699	·729	·711	·730	·733	·762	·720
7	·759	·752	·800	·860	·897	·967	·840	·812	·810	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·745	·679	·685	·692	·686	·726	·747	·723	·716	.717	·686	·693	·711	·703	·682	·754
9	·694	·675	†910	·908	·928	·783	·744	·724	·737	·729	·720	·720	·721	·710	724	·729	·717	·722	.723	·712	·681	·689	·663	·660	·738
10	·693	·684	·741	·753	·741	·720	·680	·680	·692	·701	·709	·703	·698	·679	·701	·719	·697	·721	725	·699	·739	·721	·728	·723	·710
11	·720	·732	·668	·674	·718	·679	·693	·702	·713	·718	·723	·736	·749	·718	·727	·735	·717	·731	·721	·725	·723	·715	·707	·741	·716
12	·812	·923	·977	1·049	1·022	·980	.951	·961	·856	·844	·831	·778	·725	·695	·698	·719	·711	·677	·684	·712	·719	·747	·710	·698	·812
13	·689	·666	·719	0·877	0·964	·921	·944	·945	·890	·865	·839	·857	·876	·744	·758	·741	·733	·733	·682	·714	·709	·768	·790	·831	·802
14	·850	·823	·776	·774	893	·965	·969	·954	·946	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·876	·805	·819	·834	·811	·821	·819	·810	·802	·763	·961	·923	·867	·863	·867	·858
16	·878	·891	·964	·971	·970	·954	·757	·847	·816	·816	·815	·814	·813	·823	·826	·848	·854	·848	·852	·852	·892	·870	·907	·918	·868
17	·926	·949	·974	·990	·954	·753	·726	·757	·791	·799	.806	·824	·843	·826	·797	·800	·742	·721	·740	·737	·743	·737	·715	·748	·808
18	·819	·887	·918	·950	·956	·953	·969	·923	·927	·859	·791	·764	·737	·735	·740	·740	·738	·712	·729	·717	.729	·736	·744	·721	·812
19	·816	·900	·901	·931	·959	·963	1·003	·960	·952	·921	·890	·841	·793	·715	·718	·713	·711	·722	·689	·711	·707	·708	·816	·875	·830
20	·883	·888	·933	·929	·947	·973	·946	·919	·907	·876	·844	·847	·850	·848	·853	·788	·753	·778	·756	·739	·728	·708	·721	·720	·839
21	·829	·857	·889	·901	·915	·899	·889	·857	·860	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·862	·863	·860	·857	·866	·894	·886	·901	·919	·823	·787	·835	·814	·836	·863	·865
23	·864	·910	·930	·959	·949	·967	·963	·943	·940	·926	·912	·901	·890	·884	·866	·872	·884	·895	·807	·824	·865	·876	·886	·934	·902
24	·926	·897	·952	·988	1·000	·965	·951	·925	·927	·932	·937	·924	·912	·853	·204	·807	·837	·816	·799	·784	·754	·795	·793	·876	·883
25	·871	·908	·947	·999	0·990	·960	·968	·962	·930	·925	·920	·913	·906	·880	·892	·873	·821	·811	·775	·809	·804	·786	·852	·893	·891
26	·884	·913	·955	·990	1·019	·987	·934	·959	·942	·935	·927	·913	·900	·902	·917	·870	·814	·838	·746	·779	·738	·786	·871	·914	·894
27	·978	·941	·979	·988	·025	·991	·961	·952	·935	·924	·923	·901	·890	·864	·850	·870	·834	·788	·797	·779	·790	·773	·748	·867	·889
28	·925	968	·985	·961	0·967	·961	·961	·954	·959	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·943	·926	·932	·938	·915	·925	·888	·885	·860	·895	·942	·920	·932	·928	·931	·933
30	·918	·909	·912	·942	1·006	1·099	·956	·951	·968	·971	·973	·073	·974	·972	·953	·954	·923	·909	·883	·905	·902	·876	·860	·878	·936
Means.	·818	·838	·879	·908	·926	·912	·892	·880	·870	·854	·836	·831	·826	·804	·799	·796	·786	·780	·758	·767	·770	·769	·780	·800	0·828

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means. † B 0·64 and T 0·910 Rain at that time.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 •	10	11 •	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4. 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41	
HUMIDITY OF THE AIR JULY 1851.																									
1	0·59	0·56	0·70	0·78	0·73	0·77	0·77	0·78	0·78	0·79	0·79	0·81	0·23	0 24	0·82	0·74	0·62	0·56	0·54	0·34	0·55	0·34	0·52	0 58	·585
2	·66	·58	·58	·71	·74	·76	·73	·77	·77	·78	·72	·81	·84	·24	·64	·79	·62	·57	·57	·53	·55	·55	·54	·56	·827
3	·57	·52	·69	·71	·75	·78	·72	·78	·77	·79	·20	·21	·85	·80	·77	·88	·65	·68	·55	·53	·68	·55	·53	·62	·588
4	·76	·75	·82	·84	·77	·77	·81	·81	·22	·82	·81	·88	.85	·87	·85	·84	·79	·71	·70	·85	·60	·60	·60	·58	·761
5	·74	·25	·28	·86	·87	·28	·88	·91	·91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·20	·68	·85	·63	·83	·79	·77	·78	·74	·66	·64	·89	·60	·52	·60	·725
7	·62	·66	·62	·75	·74	·76	·74	·78	·75	·78	·80	·20	·20	·77	·72	·76	·60	·68	·52	·50	·50	·50	·56	·37	·578
8	·67	·66	·75	·20	·22	·24	·55	·86	·61	·80	·78	·78	·79	·77	·75	·72	·70	·51	·57	·57	·54	·54	·55	·51	·713
9	·85	·62	·76	·60	·81	·24	·83	·85	·65	·81	·79	·75	·74	·76	·76	·73	·84	·62	·58	·51	·33	·31	·35	·36	·596
10	·65	·55	·88	·71	·69	·72	·75	·79	·80	·80	·79	·79	·79	·81	·77	·67	·81	·62	·35	·52	·51	·80	·57	·58	·570
11	·58	·62	·78	·79	·82	·86	·69	·89	·95	·91	·87	·85	·86	·87	·87	·22	·21	·72	·69	·87	·66	·80	·60	·68	·777
12	·74	·70	·79	·82	·84	·68	·59	·91	·94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·92	·89	·87	·88	·86	·22	·25	·86	·85	·71	·70	·57	·55	·50	·52	·804
14	·83	·71	·76	·81	·83	·88	·83	·85	·82	·79	·76	·75	·75	·81	·82	·22	·70	·86	·85	·66	·62	·59	·52	·69	·728
15	·74	·77	·76	·21	·81	·81	·63	·83	·22	·25	·88	·87	·82	·89	·85	·20	·71	·66	·88	·85	·62	·88	·63	·64	·765
16	·64	·66	·70	·74	·71	·72	·75	·75	·77	·78	·79	·80	·81	·20	·79	·79	·75	·62	·62	·81	·58	·55	·57	·38	·705
17	·64	·57	·72	·85	·88	·27	·90	·92	·90	·87	·83	·81	·20	·61	·82	·80	·21	·75	·73	·67	·63	·65	·58	·61	·778
18	·82	·67	·80	·81	·85	·22	·79	·80	·81	·60	·79	·80	·21	·22	·88	·79	·74	·82	·84	·59	·67	·54	·36	·33	·728
19	·52	·82	·62	·64	·85	·56	·67	·71	·72	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·81	·89	·88	·88	·90	·98	·90	·88	·84	·82	·79	·75	·72	·71	·78	·763
21	·75	·78	·88	·86	·85	·88	·89	·90	·92	·91	·89	·87	·88	·88	·84	·76	·72	·67	·56	·62	·60	·59	·65	·66	·783
22	·65	·88	·75	·21	·83	·88	·85	·85	·85	·84	·81	·81	·82	·85	·21	·72	·77	·70	·59	·69	·68	·64	·64	·54	·762
23	·67	·71	·78	·76	·72	·77	·78	·81	·83	·80	·77	·77	·77	·76	·75	·75	·58	·51	·58	·52	·31	·52	·51	·54	·598
24	·56	·67	·81	·77	·79	·79	·80	·83	·26	·84	·65	·62	·80	·78	·75	·70	·84	·56	.65	·65	·35	·32	·47	·49	·698
25	·42	·65	·71	·71	·78	·78	·74	·75	·78	·79	·80	·72	·79	·76	·78	·57	·60	·87	·56	·52	·58	·51	·58	·61	·656
26	·88	·65	·71	·78	·80	·88	·89	·87	·92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·66	·78	·78	·78	·74	·72	·67	·65	·56	·55	·55	·57	·54	·80	·60	·898
28	·51	·59	·81	·71	·78	·76	·75	·77	·75	·76	·77	·77	·78	·80	·72	·76	·71	·62	·56	·56	·34	·51	·30	·51	·874
29	·81	·65	·78	·70	·77	·77	·79	·81	·81	81	·81	·78	·78	·76	·78	·78	·70	·66	·63	·59	·37	·58	·36	·62	·703
30	·81	·66	·86	·62	·78	·72	·76	·76	·77	78	·79	·80	·82	·77	·72	·77	·75	·74	·70	·68	·81	·60	·60	·64	·712
31	·55	·71	·77	·75	·55	·75	75	·76	·72	·73	·76	·78	·80	·77	·76	·74	·71	·82	·57	·58	·35	·58	·53	·65	·686
Means.	·826	·685	·737	·758	·781	·794	·205	·818	·828	·820	812	·209	·813	·810	·800	·764	·707	·636	·621	·699	·581	·667	·875	·589	0.722
TENSION OF THE VAPOUR JULY 1851.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. •	In.	In. •	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·888	0·866	0·922	0·922	0·911	0·917	0·910	0·919	0·915	0·903	0·890	0·903	0·917	0·910	0·933	0·902	0·840	0·804	0·806	0·855	0·867	0·852	0·832	0·890	0·884
2	875	·869	·915	·912	·928	·234	·814	915	·912	·906	·292	·905	·915	·910	·951	·696	·864	·838	·856	·864	·850	·254	·861	·872	·893
3	·863	·888	·913	·837	·928	·923	·936	·940	·912	·925	·937	·933	·952	·892	·911	·816	·898	·862	·862	·858	·875	·887	·271	·937	·901
4	·850	·850	·925	·965	·865	·728	·240	·826	·825	·818	·810	·819	·829	·850	849	·870	·864	·662	·880	·869	·870	·877	·880	·266	·856
5	·901	·826	·821	·868	·880	·872	·878	·294	·896	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·877	·855	·825	·609	·802	·778	·777	·794	·799	·798	·712	·792	·789	·611	·821	·827
7	·848	·641	·782	·802	·784	·793	·776	·722	·785	·728	·807	·797	·787	·758	·774	·850	·766	·759	·717	·738	·771	·775	·773	·780	·754
8	·795	·788	·875	·916	·922	·837	·980	·956	·697	·868	·827	·222	817	·729	·728	·811	·835	·723	·772	·785	·765	·781	·798	·802	·839
9	·795	·801	·933	·967	·239	·854	·934	·953	·909	·870	·831	·796	·751	·754	·775	·781	·747	·770	·727	·723	·726	·723	·711	·721	·219
10	·718	·705	·827	·659	·799	·807	·630	·630	·869	·251	·835	·818	·805	·810	·829	·802	·780	·755	·779	·786	·792	·781	·805	·791	·204
11	·785	·782	·925	·954	·982	·277	·889	·816	·906	·874	·641	·837	·833	·310	·855	·868	·879	·870	·855	·837	·851	·253	·873	·909	·870
12	·881	·892	·959	·872	·648	·878	·260	·866	·881	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·871	·860	·843	·828	·824	·644	·850	·892	·674	·272	·280	·890	·698	·211	·920	·875
14	·815	·950	·896	·882	·871	·274	·867	·855	·846	·821	·798	·774	·753	·799	828	·269	·642	·841	·836	·297	·887	·880	818	·948	·236
15	·950	·290	·858	·855	·245	·839	·843	·859	·822	·885	·847	·852	·880	·850	853	·840	·834	·820	·819	·528	·849	·872	·877	·879	837
16	·664	·850	·852	·877	·237	·837	·847	646	·687	·834	·850	·827	·524	·613	·806	·830	·817	·654	·795	·815	·793	·818	·284	·818	830
17	·854	·682	·824	·938	·934	·932	·925	·929	·923	·591	·858	·825	·808	·817	·824	·227	·269	·822	·664	·847	·829	·845	·842	·826	·268
18	834	·758	·205	·860	·272	·630	·223	·834	·845	·232	·218	·814	·810	·814	·817	·883	·858	·868	·864	·862	·837	·807	·831	·791	·229
19	·808	·812	·756	·772	·761	·769	·765	·787	·783	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·808	·832	·835	·838	264	·900	·827	·910	·918	·957	·917	·895	·872	·868	·908	·842
21	·823	·916	·914	·938	·915	·819	·932	·940	·949	·927	·904	680	·637	·863	·852	·856	·878	·876	·853	·885	·892	·895	·222	·968	·802
22	·955	·936	·942	·952	·934	·275	·944	·938	·853	·865	·796	·785	·775	·789	·754	·789	·615	·805	·839	·896	·898	·884	·265	·865	·675
23	·893	·892	·812	·882	·890	·267	·868	·264	·865	·819	·775	·765	·758	·749	·748	·788	·783	·765	·775	·836	·724	·787	·725	·821	·816
24	·815	·896	·964	·206	·916	·893	·859	·854	·845	·847	·849	·824	·792	·776	·779	·801	·763	·732	·765	·802	·825	·817	·779	·818	·851
25	·794	·662	·868	·554	·842	·839	·846	·847	·241	·639	·835	·826	·817	·778	·786	·778	·768	·754	·779	·771	·816	·795	·827	·238	·615
26	·866	·901	·696	·952	950	·932	930	·914	·930	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·872	·887	·817	·807	·751	·776	·778	·600	·756	·782	·815	·864	·263	·828	·815	·253
28	·822	·258	·827	·831	·847	·822	·838	·841	·890	·225	·830	·858	·227	·832	·825	·840	·840	·812	·810	·617	·824	·806	·332	·627	·238
29	·951	·901	·987	·873	·831	·865	·661	·866	·858	·863	·867	·837	·806	·804	·795	·211	·842	·830	·845	·834	·884	·805	·860	·922	·857
30	·874	·852	·845	·841	·779	·777	·767	·775	·781	·796	·804	·811	·816	·780	·802	·218	·828	·244	·247	·205	·825	·845	·860	·895	·619
31	·859	·928	·955	·299	·761	·792	·790	·781	·772	·766	·793	·802	·819	·785	·774	·774	·818	·762	·741	·759	·770	·780	·776	·791	·804
Means.	·655	·862	·886	·891	·275	·274	·869	·268	·288	·832	·869	·830	·822	·816	·823	·230	·831	·812	·818	·828	·832	830	·838	·850	0·846

• The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means

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HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4. 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41	
HUMIDITY OF THE AIR AUGUST 1851.																									
1	0·53	0·56	0·63	0·71	0·68	0·68	0·70	0·70	0·76	0·71	0·87	0·67	0·88	0·68	0·65	0·64	0·68	0·66	0·55	0·55	0·54	0·60	0·51	0·50	0·624
2	·49	·53	·69	64	·65	·67	·70	·72	·73	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·78	·78	·72	·72	·78	·72	·69	·58	·56	·56	·52	·49	·49	·47	·49	·622
4	·51	·57	·63	·68	·74	·77	·78	·79	·80	·81	81	·81	·82	·85	·81	·75	·64	·58	·57	·65	·51	·60	·52	·58	·883
5	·65	·67	·72	·77	·79	·76	·76	·78	·78	·79	·80	·80	·81	·81	·74	·66	·62	·56	·63	·54	·51	·50	·61	·48	·680
6	·50	·55	·68	·61	·66	·69	·73	·75	·78	·77	·75	·75	·75	·72	·67	·82	·57	·55	·53	·51	·46	·44	·49	·58	·625
7	·63	·66	·70	·72	·79	·78	·83	·84	·80	·80	·79	·82	·86	·87	88	·89	·92	·87	·83	·83	·76	·67	·62	·84	·783
8	·62	·84	·74	·82	·82	·85	·86	·87	88	·88	87	·86	·85	·84	·84	·77	·71	·69	·66	·65	60	·61	·61	·82	·756
9	·68	·66	·75	·80	·81	·85	·66	·85	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·87	89	·88	87	·88	87	·77	·68	·87	·63	·61	·66	·56	·60	·62	·751
11	·63	·64	·72	·77	·80	·80	·81	·85	·86	·83	·79	·80	·82	·91	·88	·88	·89	·84	·77	·78	·71	·70	·66	·66	·781
12	·66	·66	·80	·81	·80	·85	·86	·89	·89	·87	·84	·79	·74	·88	·89	88	·87	·81	·78	·77	·73	·70	·67	·65	·795
13	·64	·66	·74	·79	·83	·86	·88	·89	·91	·89	·87	·87	·87	·89	·86	·83	·73	·72	·64	·56	·56	56	·65	61	·759
14	·61	·87	·74	·74	·79	·78	·78	·81	·82	83	84	·85	·86	·86	·85	·79	·74	·72	·85	·61	56	·66	·58	·56	·730
15	·57	·60	·78	·79	·81	·82	·84	·84	·85	·86	·81	·82	·68	·84	·81	·82	·76	·70	·86	·61	·59	·59	·62	·60	·739
16	67	·70	·73	·77	·76	·80	·78	·81	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·84	·81	·84	·87	·89	·86	·80	·73	·73	·68	·68	·64	·67	·72	·72	·784
18	·78	·75	·82	·84	·83	·85	·85	·87	·95	·92	·89	·88	·88	·89	·87	·80	·75	·66	·66	·68	·64	·62	·58	·66	·785
19	·83	·85	·84	·87	·82	·86	·87	·87	·89	·88	·87	·87	·87	·90	·88	·83	·74	·70	·67	·88	·67	·67	·64	·66	·801
20	·75	·78	·75	·78	·82	·88	·84	·83	·85	·35	·85	·84	·83	·83	·88	·84	·76	·88	·67	·85	·62	·59	·62	·61	·765
21	·71	·75	·77	·81	·84	·86	·88	·83	·88	·88	·87	·86	·86	·85	·82	·79	·71	·65	·62	·59	·56	·62	·62	·63	·763
22	·64	·68	·76	·78	·85	·35	·88	·86	·86	·88	·85	·86	·87	·85	·86	·78	·70	·63	·68	·60	·60	·69	·60	·64	·762
23	·65	·68	·76	·78	·80	·83	·82	·84	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·83	·88	·87	·86	·83	·82	·77	·76	·65	·80	·68	·55	·68	·57	·66	·743
25	·71	·76	·79	·82	·82	·86	·80	·82	·83	·83	·86	·83	·83	·86	·86	·79	·77	·68	·66	·58	·60	·68	·57	·68	·751
26	·60	·67	·78	·83	·80	·82	·85	·84	·85	·88	·87	·87	·87	·88	·85	·77	·72	·89	·65	·86	·63	·57	·52	·52	·749
27	·54	·81	·72	·78	·78	·77	·79	·79	·79	·77	·75	·75	·76	·76	·75	·78	·67	·84	·62	·82	·56	·55	·56	·56	·693
28	·64	·70	·79	·80	·63	·84	·85	·88	·85	·79	·78	·74	·76	·73	·73	·72	·71	·65	·62	·62	·62	·61	·64	·66	·730
29	·67	·74	·71	·73	·76	·76	·79	·80	·83	·83	·82	·83	·85	·85	·84	·80	·79	·72	·69	·66	·85	·61	·58	·74	·752
30	·75	·75	·84	·80	·78	·79	·88	·82	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	·86	·83	·84	·84	·77	·76	·69	·64	·61	·59	·60	·56	·53	·49	·49	·723
Means.	·637	·673	·787	·771	·787	·802	·815	·827	·840	·833	·820	·820	·824	·833	·817	·778	·723	·674	·642	·624	·595	·588	·580	·601	0·735
TENSION OF THE VAPOUR AUGUST 1851.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·800	0·817	0·862	0·894	0·817	0·823	0·828	0·824	0·815	0·770	0·724	0·720	0·717	0·702	0·683	0·682	0·708	0·697	0·711	0·747	0·756	0·768	0·788	0·775	0·768
2	·750	·777	·814	821	·812	·807	·812	·810	·810	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·798	·786	·778	·766	·763	·763	·799	·763	·761	·775	·787	·780	·798	·774	·783	·787
4	·774	·817	·830	·864	·903	·864	·856	·868	·861	·864	·867	·857	·847	·872	·852	·847	·782	·757	·769	·797	·780	·820	·841	·900	·836
5	·747	·910	·911	·934	·940	·880	·837	·843	·829	·837	·844	·841	·838	·844	·801	·788	·801	·782	·785	·820	·812	·818	·824	·800	·843
6	·796	·806	·862	·802	·845	·857	·878	·845	·910	·879	·847	·835	·824	·782	·752	·748	·744	·764	·776	·764	·726	·742	·825	·840	·810
7	·923	·913	·896	·904	·951	·920	932	·926	·906	·869	·832	·844	·857	·826	·845	·860	·920	·928	·933	·961	·945	·893	·877	·911	·899
8	·886	·903	·930	·952	·936	·957	·950	·947	·937	·918	·898	·873	·849	·834	·852	·877	·884	·914	·921	·960	·908	·928	·914	·901	·908
9	·921	·933	·939	·962	·952	·931	·910	·908	·900	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·902	·904	·894	·884	·876	·888	·867	·822	·866	·854	·853	·826	·859	·911	·920	·695
11	·928	·903	·930	·958	·972	·955	·961	·976	·965	·885	·804	·770	736	·764	·778	·783	·824	·852	·858	·900	·922	·950	·936	·933	·885
12	·942	·927	1·018	·989	·969	·974	·975	·989	·970	·925	·879	·807	·738	·805	·794	·782	·801	·853	·909	·958	·959	·958	·932	·905	·908
13	·925	·936	0·949	·935	·947	·961	·970	·967	·979	·946	913	·907	·902	·904	·880	·894	·868	·902	·847	·810	·803	·819	·851	·898	·905
14	·885	·907	·924	·851	·853	·801	·800	·818	·810	·802	·794	·795	·797	·803	·833	·820	·845	·861	·838	·827	·795	·833	·804	·860	·881
15	·870	·878	923	·968	·948	·947	·945	·931	·930	·888	·848	·845	·845	·847	·824	·848	·850	·860	·879	·886	·904	·954	·903	·909	·898
16	·953	·918	·930	·937	·898	·930	·918	926	·886	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·869	·852	·842	·833	·846	·854	·869	·870	·915	·927	·938	·922	·956	·975	·957	·905
18	·928	·937	·963	·958	·928	·943	·944	·943	·942	·894	·846	·838	·831	·832	·854	·676	·874	·831	·856	·908	·904	·926	·908	·841	·895
19	·900	·917	·907	·928	·816	·849	·858	·854	·860	·847	·834	·831	·828	·859	·853	·851	·821	·830	·809	·850	·883	·876	·880	·897	·859
20	·948	·938	·852	·872	·871	·904	·840	·818	·830	·833	·835	·826	·813	·812	·845	·846	·857	·845	·867	·869	·880	·860	·877	·845	·853
21	·850	·877	·856	·865	·859	·851	·862	·858	·849	·642	·836	·830	·826	·807	·791	·814	·798	·790	·806	·780	·752	·843	·800	·789	·826
22	·835	·852	·887	·809	·849	·849	·855	·845	·853	·837	·821	·829	·638	·813	·836	·808	·778	·770	·788	·804	·835	·884	·839	·876	·880
23	·873	·859	·874	·890	·891	·883	·870	·876	·678	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·878	·867	·860	·853	·811	·820	·619	·870	806	·802	·811	·776	·838	·831	·892	·851
25	·911	·910	·913	·929	·762	·780	·765	·787	·788	·792	·796	·792	·789	·812	·825	·854	·906	·864	·856	·846	·866	·847	·837	·826	·635
26	·844	·875	·827	·845	·833	·835	·853	·847	·849	·846	·843	·830	·817	·824	·822	·802	·810	·810	·889	·903	·863	·822	·770	·783	·883
27	·837	·832	930	·931	·948	·822	·830	·831	·826	·795	·784	·758	·753	·750	·753	·773	·741	·750	·806	·855	·819	·797	·810	·814	·816
28	·879	·914	·942	·924	·949	·960	·970	·990	·930	·860	·790	·791	·798	·759	·749	·762	·794	·766	·756	·808	·840	·831	·670	·887	·865
29	·878	·933	·840	·850	·876	·861	·860	·863	·854	·845	·836	·850	·865	·849	·842	·829	·866	·848	·883	·872	·882	·858	·842	·897	·862
30	·905	·927	·935	·870	·830	·839	·857	·837	·858	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	·868	·883	·862	·841	·758	·775	·771	·761	·751	·738	·884	·800	·804	·793	·798	·831
Means.	·880	·891	·902	·901	·890	·883	·882	·882	·878	·857	·886	·827	·819	·814	·814	·818	·820	·822	·832	·850	·846	·855	·854	·888	0·855

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. SEPTEMBER 1851.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·58	0·70	0·75	0·77	0·84	0·84	0·85	0·87	0·86	0·86	0·86	0·84	0·82	0·87	0·85	0·81	0·75	0·70	0·63	0·60	0·55	0·53	0·49	0·49	0·738
2	·47	·51	·55	·63	·70	·80	·73	·78	·88	·88	·67	·88	·89	·88	·86	·74	·67	·64	·60	·57	·54	·53	·55	·56	·698
3	·61	·68	·76	·79	·66	·82	·85	·87	·87	·88	·83	·87	·86	·86	·77	·68	62	·56	·53	·54	·52	·51	·49	·50	·711
4	·53	·69	·73	·75	·77	·81	·83	·83	·86	·86	·85	·85	·85	·86	·76	·69	·62	·57	·53	·51	·50	·48	·53	·57	·701
5	·62	·72	·75	·77	·74	·74	·83	·80	·85	·86	·87	·86	·84	·85	·85	·84	·81	·70	·66	·64	·61	·55	·54	·54	·743
6	·60	·63	·74	·77	·80	·80	·81	·83	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·84	·85	·85	·86	·79	·73	·62	·58	·54	·53	·50	·48	·45	·42	·43	·660
8	·44	·47	·56	·69	·75	·78	·74	·76	·76	·70	·70	·76	·70	·67	·66	·64	·66	·54	·50	·48	·47	·46	·44	·45	·608
9	·45	·48	·54	·59	·67	·76	·75	·80	·83	·82	·76	·76	·76	·73	·72	·68	·60	·53	·50	·49	·47	·44	·43	·42	·621
10	·40	·45	·51	·61	·64	·70	·74	·78	·81	·82	·62	·81	·80	·82	·74	·61	·54	·52	·51	·48	·45	·43	·44	·49	·622
11	·51	·61	·69	·74	·76	·77	·80	·82	·85	·83	·80	·81	·82	·82	·81	·72	·63	·55	·52	·50	·47	·45	·47	·51	·678
12	·57	·67	·72	·70	·75	·77	·86	·82	·84	·85	·85	·86	·88	·87	·87	·75	·71	·66	·62	·60	·66	·62	·62	·63	·735
13	·64	·70	·73	·75	·77	·79	·80	·82	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·87	·88	·89	·91	·92	·91	·82	·75	·67	·63	·60	·60	·58	·58	·61	·753
15	·64	·70	·76	·83	·87	·87	·87	·86	·83	·88	·87	·87	·87	·88	·87	·82	·75	·67	·55	·52	·44	·51	·60	·60	·749
16	·62	·71	·76	·73	·74	·71	·72	·75	·82	·83	·83	·82	·82	·86	·85	·77	·75	·67	·62	·60	·56	·54	·56	·61	·719
17	·64	·72	·78	·82	·69	·71	·70	·70	·70	·74	·77	·77	·78	·80	·81	·78	·70	·64	·58	·56	·56	·56	·58	·57	·693
18	·65	·73	·78	·78	·74	·83	·85	·84	·83	·82	·80	·81	·82	·85	·82	·76	·76	·71	·72	·67	·59	·53	·52	·52	·739
19	·50	·60	·73	·77	·81	·82	·84	·85	·89	·88	·87	·87	·87	·89	·87	·80	·72	·65	·67	·65	·63	·59	·58	·58	·747
20	·60	·68	·73	·75	·79	·82	·81	·85	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·84	·79	·81	·84	·86	·86	·62	·57	·54	·51	·48	·48	·48	·52	·54	·694
22	·55	·61	·67	·69	·71	·72	·74	·75	·80	·82	·83	·82	·82	·75	·68	·87	·59	·48	·47	·43	·42	·43	·46	·47	·641
23	·49	·60	·65	·67	·68	·71	·76	·79	·79	·79	·78	·78	·79	·75	·78	·75	·76	·78	·71	·64	·61	·60	·59	·61	·703
24	·82	·68	·73	·76	·81	·81	·78	·82	·84	·85	·86	·85	·85	·87	·82	·84	·75	·68	·67	·62	·76	·70	·66	·69	·763
25	·70	·73	·75	·77	·81	·81	·83	·87	·90	·90	·96	·90	·90	·90	·89	·91	·88	·88	·87	·85	·84	·81	·80	·80	·842
26	·85	·86	·87	·87	·96	·88	·90	·91	·91	·92	·92	·91	·96	·89	·86	·83	·78	·73	·72	·71	·63	·69	·69	·78	·831
27	·79	·80	·83	·84	·86	·87	·90	·92	·92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·93	·93	·91	·89	·89	·88	·84	·80	·72	·69	·65	·59	·61	·69	·72	·811
29	·73	·80	·82	·85	·87	·87	·86	·87	·92	·91	·89	·88	·88	·88	·88	·83	·83	·76	·77	·69	·64	·62	·61	·62	·803
30	·62	·70	·76	·83	·84	·90	·90	·86	·90	·90	·90	·86	·83	·86	·84	·82	·79	·73	·69	·66	·63	·63	·65	·67	·782
Means.	·593	·664	·717	·751	·772	·794	·809	·824	·847	·848	·843	·846	·840	·839	·817	·755	·704	·647	·615	·586	·565	·551	·558	·576	0·723

TENSION OF THE VAPOUR. SEPTEMBER 1851.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·871	0·918	0·938	0·926	0·994	0·968	0·970	0·961	0·946	0·907	0·868	0·843	0·818	0·864	0·863	0·870	0·894	0·900	0·847	0·832	0·797	0·792	0·769	0·771	0·860
2	·732	·759	·750	·811	·862	·941	·926	·916	·891	·902	·913	·917	·921	·910	·911	·854	·825	·836	·821	·835	·806	·789	·803	·821	·852
3	·882	·917	·945	·955	·933	·940	·970	·973	·975	·961	·916	·916	·836	·812	·802	·779	·771	·727	·736	·765	·776	·777	·772	·786	·863
4	·791	·942	·915	·913	·929	·955	·962	·937	·955	·949	·942	·927	·913	·910	·812	·799	·776	·750	·739	·749	·768	·772	·791	·791	·862
5	·832	·904	·911	·910	·848	·829	·872	·893	·938	·935	·932	·917	·903	·906	·907	·910	·940	·895	·871	·881	·881	·839	·841	·846	·889
6	·883	·939	·934	·947	·957	·941	·930	·924	·917	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·965	·893	·891	·896	·799	·757	·716	·708	·686	·708	·714	·711	·694	·660	·686	·825
8	·717	·723	·776	·914	·942	·962	·887	·878	·797	·789	·780	·771	·763	·706	·688	·701	·710	·675	·675	·683	·685	·684	·693	·717	·763
9	·694	·704	·731	·765	·814	·818	·846	·893	·902	·842	·781	·769	·757	·721	·731	·740	·710	·668	·671	·686	·677	·662	·653	·654	·745
10	·623	·647	·679	·741	·763	·830	·857	·902	·925	·912	·898	·869	·840	·828	·796	·716	·688	.684	·693	·682	·671	·685	·717	·727	·765
11	·723	·795	·862	·896	·900	·897	·920	·945	·968	·922	·876	·872	·868	·864	·870	·866	·817	·735	·737	·745	·739	·739	·733	·759	·835
12	·777	·858	·274	·828	·874	·897	·922	·933	·918	·928	·908	·915	·922	·908	·918	·886	·911	·891	·888	·905	·883	·886	·919	·897	·895
13	·878	·861	·865	·880	·895	·910	·923	·945	·958	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·913	·928	·926	·924	·932	·970	·949	·937	·901	·891	·898	·881	·838	·848	·868	.906
15	·865	·878	·909	·958	·990	·979	·973	·962	·977	·951	·924	·913	·902	·902	·913	·915	·936	·902	·816	·827	·720	·808	·880	·868	·903
16	·857	·899	·920	·866	·872	·804	·762	·879	·800	·794	·788	·776	·765	·798	·826	·830	·874	·851	·851	·865	·859	·858	·892	·903	·842
17	·897	·906	·942	·973	·710	·750	·738	·721	·714	·757	·799	·800	·802	·802	·824	·857	·857	·840	·839	·841	·859	·868	·858	·811	·825
18	·870	·897	·926	·916	·842	·916	·907	·885	·878	·842	·806	·807	·808	·835	·829	·823	·850	·856	·864	·816	·796	·762	·768	·734	·844
19	·792	·829	·902	·909	·924	·932	·935	·928	·954	·934	·913	·895	·877	·877	·863	·897	·856	·847	·846	·819	·801	·775	·788	·782	·872
20	·776	·822	·852	·851	·857	·906	·879	·907	·924	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·893	·861	·860	·860	·851	·874	·683	·688	·721	·714	·714	·712	·711	·737	·738	·809
22	·752	·788	·816	·823	·833	·831	·813	·847	·876	·874	·871	·858	·846	·751	·673	·730	·721	·661	·677	·661	·677	·701	·795	·732	·774
23	·716	·819	·867	·812	·844	·877	·923	·951	·941	·921	·901	·836	·871	·820	·841	·819	·835	·885	·867	·859	·845	·818	·850	·852	·862
24	·855	·863	·876	·895	·924	·918	·883	·905	·918	·914	·909	·904	·899	·913	·847	·909	·905	·885	·908	·893	·879	·890	·698	·910	·896
25	·908	·898	·892	·895	·998	·896	·901	·924	·945	·936	·927	·925	·923	·912	·904	·836	·792	·818	·829	·850	·899	·903	·926	·935	·895
26	·937	·876	·861	·854	·883	·824	·804	·865	·880	·886	·892	·872	·853	·832	·845	·902	·947	·916	·924	·894	·890	·884	·919	·915	·884
27	·927	.962	·909	·908	·913	·921	·927	·928	·892	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·911	·930	·900	·871	·860	·858	·918	·939	·942	·951	·929	·882	·914	·963	·969	·916
29	·962	·989	·966	·974	·989	·991	·910	·899	·897	·865	·832	·827	·822	·811	·836	·850	·913	·908	·987	·947	·909	·896	·899	·916	·908
30	·899	·924	·951	1·011	·995	1·022	1·022	1·002	1·082	1·023	1·014	·901	·788	·819	·833	·870	·909	·914	·913	·921	·924	·954	·971	·979	·941
Means.	·824	·856	·875	·891	·893	·902	·903	·912	·913	·900	·886	·871	·857	·844	·840	·831	·835	·819	·818	·817	·804	·805	·818	·823	0·856

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR — OCTOBER 1851.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4 41	h. m. 5 41	h. m. 6 41	h. m. 7 41	h. m. 8 41	h. m. 9 41	h. m. 10 41	h. m. 11 41	h. m. 12 41	h. m. 13 41	h. m. 14 41	h. m. 15 41	h. m. 16 41	h. m. 17 41	h. m. 18 41	h. m. 19 41	h. m. 20 41	h. m. 21 41	h. m. 22 41	h. m. 23 41	h. m. 0 41	h. m. 1 41	h. m. 2 41	h. m. 3 41	
1	0·68	0·72	0·80	0·84	0·85	0·86	0·88	0·88	0·81	0·87	0·83	0·85	0·88	0·83	0·88	0·84	0·70	0·76	0·70	0·70	0·64	0·54	0·54	0·61	0·778
2	·69	·77	·83	·86	·88	·87	·88	·89	·98	·93	·94	·94	·94	·90	·89	·85	·77	·71	·65	·58	·69	·70	·78	·74	·815
3	·78	·80	·84	·86	·86	·86	·85	·77	·78	·77	·77	·58	.87	·89	·88	·84	·77	·75	·80	·63	·64	·71	·71	[illegible]	·785
4	·74	·75	·81	·83	·83	·86	·87	·88	·90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·96	·81	·82	·84	·84	·86	·89	·89	·78	·79	·72	·67	·65	·70	·71	·800
6	·72	·77	·81	·89	·82	·83	.98	·91	·96	·94	·91	·91	·91	·91	·91	·87	·82	·75	·70	·66	·66	·65	·67	·71	·814
7	·70	·74	·78	·80	·78	·83	·84	·86	·88	·89	·80	·90	·91	.03	·91	·85	·83	·80	·70	·60	·71	·74	·72	·70	·807
8	·78	·80	·87	·88	.90	·90	·91	·94	·94	·95	·96	·94	·93	·95	·04	·90	·86	·84	.78	·71	·71	·73	·60	·71	·855
9	·77	·85	·86	·86	·60	·91	·89	·89	·88	·85	·84	·67	·01	.95	·92	·91	·88	·80	·75	·71	·68	·64	·85	·87	·526
10	·70	·74	·51	·84	·86	·86	·86	·88	·89	·89	·80	.90	·92	·88	·87	·83	·74	·68	.64	·61	·58	·80	·60	·63	·778
11	·65	·75	·80	·82	·84	·87	·88	·80	·90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·88	·85	·86	·88	·86	·89	·76	·70	·68	·63	·63	·59	·56	·56	·59	·760
13	·66	·78	·81	·88	·80	·88	.86	·88	·85	·87	·88	·88	·89	·86	·80	·70	·64	·65	·60	·63	·59	·55	·55	·54	·748
14	·58	·67	·74	·73	·78	·79	·60	·80	·88	·85	·86	·87	·88	·88	·88	·83	·73	·68	·65	·65	·60	·55	·54	·85	·738
15	·84	·73	·75	·80	·83	·04	·90	·89	·89	·88	·86	·86	·87	·87	·88	·78	·73	·72	·69	·85	.67	·67	·69	·87	·788
16	·60	·73	·78	·78	·70	·83	·82	·80	.80	·82	·83	·87	·91	·89	·90	·86	·80	·79	·70	·68	·65	·80	·68	[illegible]	·780
17	·74	·78	·87	·85	·85	·87	·88	·87	·56	·89	·91	·91	·91	·90	·90	·91	·80	·80	·71	·71	·89	·70	·08	·74	·828
18	·75	·78	·82	·83	·86	·85	·86	·88	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·87	·89	·90	·91	·89	·88	·85	·82	·87	·73	·70	·63	·63	·65	·69	·808
20	·78	·77	·79	·82	·82	·84	·86	·66	·87	·88	·88	·85	·88	·87	·87	·88	·75	·80	·77	·75	·75	·71	·73	·74	·814
21	·70	·81	.85	·89	·90	.90	·91	·90	·95	·95	·96	·95	·95	·95	·91	·90	·86	·86	·81	·79	·77	·75	·72	·75	·865
22	·74	·78	·81	·84	·87	.86	·88	·80	·89	·90	·90	·90	·91	·94	·93	·90	·86	·76	·74	·72	·66	·64	·65	·87	·815
23	·80	·86	·87	·87	·89	.90	·91	·02	·92	·93	·93	·95	·97	1·00	·91	·90	·78	·74	·72	·70	·71	·78	·73	·73	·849
24	·71	·76	.84	·88	·00	·89	·91	·91	·92	·99	·02	·99	·92	·01	·91	·84	·80	·74	·64	·48	.43	·43	·49	·41	·764
25	·43	·55	·65	·69	·74	·77	·80	·80	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·87	·00	·91	·93	·92	·89	·84	·73	·72	·60	·59	·55	·54	·54	·59	·721
27	·54	·50	·60	·62	·85	·85	·65	·64	·73	·78	·71	·78	·76	·81	·79	·78	·73	·72	·66	·83	·81	·87	·53	·54	·684
28	·60	·63	·69	·72	·69	·70	·74	·78	·82	·83	·84	·84	·84	·82	·88	·74	·68	·88	·68	·61	·81	.80	·84	·59	·709
29	·50	·71	·70	·80	·80	·80	·81	·81	·82	·87	·91	·92	·94	·91	·88	·82	79	·74	.66	·88	·67	·85	·69	·62	·775
30	·64	·70	·75	·81	·79	·81	·83	·84	·84	·86	·87	·87	·88	·87	.81	·78	75	·85	·57	.78	·53	·59	·53	·55	·743
31	·66	·63	·72	·77	·79	·79	·83	·03	·84	·84	·83	·85	·85	·89	·87	·86	·80	·68	.78	·73	·70	.71	·75	·86	·787
Means.	·684	·737	·790	·812	·825	·841	·853	·858	·869	·874	·873	·881	·895	·893	·877	·841	·784	·740	·691	·667	·845	·636	·634	·652	0·785

TENSION OF VAPOUR — OCTOBER 1851.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·976	0·979	1·001	1·027	1·013	1·018	1·015	·1010	1·034	0·984	0·933	0·865	0·777	0·780	0·824	0·900	0·941	0·908	0·957	0·974	0·963	0·814	0·821	0·919	0·937
2	·984	1·007	·088	·035	·043	·018	.009	·013	·039	1·034	1·033	·990	·947	·899	·910	·901	·951	·933	·900	·835	1·013	1·008	1·033	1·019	·983
3	·994	0·978	0·998	·408	0·994	0·990	0·960	0·869	0·945	0·962	0·859	·889	·919	·913	·941	·959	·951	·967	·954	·897	·980	·051	·028	·051	·959
4	1·001	092.	·091	0·997	996	1·002	1·000	·989	1·004	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	0·925	·868	·859	·839	·794	·825	·867	·877	·910	·875	·880	.888	0·900	·997	0·922	·922
6	·906	.013	·918	·929	·919	·983	0·909	·839	·850	·841	·831	·828	·882	·827	·841	·844	·844	·820	·811	·815	.856	·840	.878	·807	·865
7	·860	·848	·856	·865	·790	·794	·704	·810	·804	·808	·818	·823	·835	·856	·845	·823	·858	·891	·885	·891	·870	·919	·019	·911	·847
8	·930	·840	·884	.893	·900	891	·894	·857	·825	·831	·837	·883	·809	·836	·851	·858	·862	·904	·929	·917	·923	·556	·015	·988	·877
9	.938	·933	·024	·029	·041	·932	·920	.919	·910	·845	·780	.796	·812	·805	·881	·924	·951	·932	·938	·901	·891	·351	·867	·882	·895
10	·858	·857	·910	·020	·937	·930	·909	·014	·917	·918	·918	·915	·912	·873	·845	·873	·863	·817	·840	·831	·789	·834	·828	·844	·878
11	·838	·884	·922	·923	·924	·947	·945	·949	·947	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·905	·862	·878	·885	·859	·836	·883	·818	·843	·821	·857	·846	·816	·840	·878	·877
13	·901	·929	·986	·969	·970	·976	.043	·917	.907	·917	·927	·908	·889	·858	·806	·772	·780	·784	·767	·799	·814	·786	·783	·778	·867
14	·815	·858	·901	·880	·910	·922	·914	·910	·933	·845	·957	·946	·936	·915	·887	·855	·815	·822	·830	·870	·850	·810	·791	·811	·878
15	·865	·897	·884	·916	·954	.029	·870	·862	·862	·840	·817	·825	·850	·816	·800	·795	·816	·857	·843	·841	·841	·834	·850	·802	·855
16	·811	·808	·827	·824	·835	·042	·843	·833	·887	·857	·877	·805	·914	·905	·907	·891	·855	·838	·859	·883	·878	·862	·559	.874	·860
17	·877	·869	·912	·894	·880	·882	·880	·867	·856	·870	·834	·879	·875	·866	·887	·970	933	·933	·878	·904	·850	·860	·831	·874	·885
18	·800	·888	·897	·880	·809	·878	·878	·870	·870	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·859	·818	·851	·854	·856	·848	·878	·882	·947	·948	·952	·950	·901	·867	·843	·890
20	·864	·828	·832	·825	·837	·881	·872	·857	·856	·862	·868	·828	·785	·810	·820	·874	·882	.864	·860	·885	·893	·905	·952	·943	·861
21	·916	·938	·949	·791	·959	·950	·948	·917	·982	·074	·968	.058	·951	·953	·897	·887	·852	·849	·827	·818	·859	·853	·867	·924	·009
22	·877	·870	·860	·873	·855	·251	·884	·882	·879	·881	·882	·880	·879	·904	·917	·034	·945	·918	.952	·940	·010	·888	·028	·889	·898
23	·893	·916	·913	·898	·905	·913	·914	·925	·910	·918	·917	·988	·940	·942	·900	·910	·875	·878	·925	·854	·987	·958	·957	·936	·915
24	·879	·872	·903	·914	·916	·887	·883	·883	·875	·875	·871	·859	·847	·825	.841	·855	·864	·855	·768	·547	·559	·882	·544	·830	·802
25	·537	·633	·630	·680	·688	·699	.703	·700	·706	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·794	·872	·868	·864	·838	.829	·820	·797	·808	·743	·736	·659	·568	·674	·648	·737
27	·818	·021	·648	·853	·659	·678	·663	·654	·715	·698	·678	·700	·723	·781	·731	·743	·733	·754	·748	·750	·728	·698	·561	·663	·695
28	.686	·696	·722	·743	·782	.704	·719	·728	·738	·739	·741	·734	·728	·707	·713	·719	·714	·778	·801	·748	·755	·758	·661	[illegible]	·734
29	·683	·750	·830	·830	·515	·807	·811	·803	·708	·851	·863	·844	·820	·788	·784	·775	·818	·799	·787	·788	·706	·776	·736	·721	·793
30	·713	·747	·765	·741	·777	·771	·770	·767	·748	·749	·750	·738	·727	·698	·587	·694	·739	·742	·854	·650	·634	·623	·634	.055	·716
31	·719	·723	·745	·751	·751	·778	·789	·788	.780	·792	·725	·813	·832	·812	·800	·810	·821	·840	·870	·816	·811	·810	·838	[illegible]	·800
Means.	·843	·857	·877	·875	·883	·882	·876	·886	·869	·865	·861	·855	·850	·841	·838	·852	·855	·862	·849	·836	·843	·833	·833	·837	0·858

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

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HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR NOVEMBER 1851.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h m. 4.41	h m. 5.41	h m. 6 41	h m. 7.41	h m. 8 41	h m. 9.41	h m. 10.41	h.m. 11.41	h. m. 12.41	h. m. 13.41	h. m 14 41	h. m. 15 41	h m 16 41	h. m. 17.41	h m 18 41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23 41	h. m. 0.41	h m 1.41	h m. 2 41	h. m. 3.41	
1	0·85	0·84	0·84	0·82	0·82	0·85	0·85	0·85	0·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·93	0·99	0·99	0·99	0·97	0·97	0·92	0·95	0·93	0·90	0·90	0·91	0·94	0·94	0·96	0·907
3	·97	·98	·96	·96	·96	·95	·95	·93	·97	·94	·91	·91	·91	·92	·96	·97	·95	·93	·92	·96	·96	·90	·90	·96	·942
4	·97	·97	·97	·99	·95	·95	·94	·92	·95	·94	·92	·91	·90	·91	·91	·96	·92	·91	·96	·98	·98	·92	·91	·91	·940
5	·91	·91	·88	·92	·85	·84	·86	·84	·84	·85	·85	·85	·85	·87	·89	·94	·90	·89	·90	·89	·88	·87	·86	·86	·875
6	·90	·91	·88	·86	·91	·87	90	·96	·99	·98	·96	·96	·96	·94	·90	·88	·87	·82	·79	·76	·76	·72	·74	·83	·877
7	·84	·84	·86	·83	·83	·92	·91	·87	·88	·83	·87	·88	·89	·91	·92	·91	·87	·80	·73	·70	·66	·66	·70	·75	·884
8	·79	·84	·89	·91	·90	·88	·91	·92	·92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·91	·90	·89	·89	·91	·90	·88	·80	·77	·77	·76	·76	·76	·75	·77	·849
10	·80	.84	·84	·87	·88	·83	·85	·88	·88	·89	·90	·89	·88	·88	·88	·88	·86	·79	·80	·78	·78	·76	·77	·79	·843
11	·79	·84	·35	·85	·85	·86	·88	·90	·88	·88	·88	·87	·87	·87	·66	·80	·79	·77	·77	·78	·72	·77	·78	·81	·829
12	·80	·82	·84	·85	·85	·85	·87	·86	·82	·88	·83	·84	·85	·87	·87	·83	·76	·73	·69	·72	·71	·71	·70	·72	·801
13	·76	·80	·80	·80	·80	·80	·80	·80	·81	·84	·86	·85	·84	·87	·86	·85	·81	·80	·76	·78	·75	·76	·79	·83	·809
14	·78	·80	·81	·83	·83	·85	·88	·89	·90	·90	·90	·90	·90	·89	·85	·86	·88	·80	·76	·83	·68	·94	·95	·98	·865
15	·96	·96	·97	·98	·96	·96	·97	·96	·96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·93	·90	·92	·95	·91	·88	·93	·91	·87	·88	·88	·83	·81	·83	·84	·915
17	·84	·86	·86	·87	·88	·88	·90	·91	·90	·93	·96	·96	·96	·95	·94	·92	·90	·88	·86	·83	·83	·83	·84	·95	·893
18	·83	·87	·88	·89	·88	·89	·88	·92	·94	·95	·96	·94	·92	·91	·92	·87	·85	·80	·87	·92	·88	·88	·84	·86	·890
19	·80	88	·90	·93	·96	·96	·95	·97	·89	·89	·88	·89	·90	·91	·91	·91	·88	·84	·84	·82	·80	·78	·78	·79	·878
20	·79	·84	·85	·86	·88	·90	·88	·89	·92	·94	·95	·96	·97	·98	·96	·92	·87	·84	·78	·75	·75	·78	·75	·75	·862
21	·78	·81	·84	·84	·87	·86	·87	·88	·91	·92	·93	·93	·93	·95	·94	·91	·87	·80	·77	·77	·78	·77	·77	·78	·853
22	·81	·83	·87	·89	·89	·89	·92	·91	·90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·91	·91	·93	·95	·96	·96	·92	·85	·82	·80	·76	·76	·76	·78	·78	·865
24	·91	·85	88	·92	·93	·92	·91	·95	·94	·96	·97	·97	·93	·98	·96	·91	·87	·81	·75	·75	·74	·74	·76	·78	·877
25	·78	·80	·84	·87	·88	·87	·88	·90	·92	·93	·93	·93	·93	·93	·91	·87	·77	·74	·69	·68	·68	·70	·69	·71	·825
26	·72	·74	·80	·85	·86	·88	·86	·90	·90	·91	·91	·90	·90	·94	·93	·83	·74	·71	·69	·84	·82	·64	·62	·64	·797
27	·63	·69	·74	·75	·77	·75	·73	·75	·77	·82	·86	·86	·87	·90	·89	·84	·79	·76	·70	·59	·59	·60	·58	·57	·741
28	·61	·64	·71	·72	·64	·63	·86	·75	·74	·81	·87	·88	·89	.90	·83	·77	·68	·66	·68	·64	·63	·62	·84	·64	·717
29	·67	·71	·72	·76	·75	·76	·77	·77	·76	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·79	·82	·81	·80	·81	·84	·82	·81	·82	·78	·81	·74	·72	·70	·71	·769
Means.	·808	·834	·851	·887	·864	·866	·871	·883	·886	·898	·905	·905	·907	·913	·908	·883	·846	·812	·793	·738	·775	·772	·774	·798	0·850

TENSION OF VAPOUR NOVEMBER 1851.

	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·848	0·837	0·843	0·814	0·813	0·834	0·823	0·823	0·834	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·847	0·860	0·860	0·860	·0840	0·845	0·802	0·821	0·816	0·810	0·810	0·813	0·828	0·827	0·839	0·831
3	845	·843	·833	·825	·850	·849	·810	·792	·827	·808	·789	·788	·787	·789	·807	·827	·821	·822	·820	·838	·851	·854	·823	·849	·823
4	·848	·850	·848	·851	·848	·852	·875	·857	·867	·829	·791	·787	·784	·804	·815	·873	·829	·822	·861	·886	·870	·875	·868	·863	·844
5	·855	·871	·848	·882	·819	·825	·847	·820	·820	·822	·824	·813	·802	·802	·824	·865	·837	·835	·854	·364	·865	·850	·825	·814	·837
6	·813	·785	·762	·742	·759	·706	·703	·740	·757	·755	·753	·786	·779	·770	·743	·740	·748	·735	·784	·790	·807	·787	·814	·900	·767
7	·858	·835	·825	·832	·806	·843	·835	·802	·810	·805	·800	·803	·807	·822	·843	·876	·887	·874	·835	·816	·787	·799	·859	·880	·831
8	·894	·902	·918	·916	·897	·873	·888	898	·880	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·858	·836	·831	·826	·835	·819	·859	·844	·851	·905	·878	·873	·877	·863	·860	·870
10	·878	·872	·870	·882	·888	·835	·848	·816	.804	·808	·811	·811	·811	·804	·315	·826	·873	·876	·918	·902	·890	·878	·852	·864	·858
11	·866	·872	·872	·857	·837	·841	·880	·868	·859	·860	·860	·848	·836	·829	·833	·832	·866	·862	·898	·878	·857	·878	·886	·884	·860
12	.879	·872	·846	·858	·847	·848	·862	·852	·820	·820	·819	·809	·799	·799	·800	·825	·794	·786	·761	·793	·812	·789	·792	·786	·819
13	·809	·811	·801	·789	·789	·787	·784	·782	·785	·796	·808	·794	·783	·814	·801	·823	·831	·846	·824	·814	·819	·808	·823	·841	·807
14	·825	·811	·812	·822	·811	·823	·854	·840	·850	·858	·865	·864	·864	·857	·838	·851	·878	·848	·795	·830	·840	·860	·871	·857	·843
15	·837	·841	·852	·849	·853	.851	·813	·829	·849	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·832	·815	·818	·821	·825	·803	·862	·835	·841	·923	·945	·931	·896	·918	·925	·857
17	·891	·871	·858	·858	·875	·859	·868	·884	·876	·877	·877	·861	·846	·828	·838	·885	·914	·919	·928	·946	·981	·963	·949	·961	·891
18	·904	·911	·905	·903	·876	·880	·881	·895	·911	·910	·909	·890	·871	·867	·876	·855	·892	·873	·874	·827	·931	·928	·902	·901	·890
19	·892	·885	·883	·894	·907	·895	·877	·882	·813	·809	·804	·807	·810	·806	·818	·866	·892	·887	·914	·915	·892	·891	·885	·879	·867
20	·852	·858	·858	·860	·869	·869	·855	·835	·865	.871	·877	·879	·882	·874	·378	·902	·913	·905	·385	·861	·874	·869	·874	·863	·872
21	·855	·849	·845	·833	·856	·839	·841	·832	·845	·845	·845	·840	·836	·849	·864	·846	·913	·899	·877	·898	·916	·914	·907	·900	·864
22	·901	·867	·888	·885	·873	·863	·875	·854	·888	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·842	·846	·847	·848	·850	·862	·891	·879	·898	·922	·917	·940	·941	·952	·941	·884
24	930	·925	·914	·922	·914	·892	·873	·877	869	·876	·882	·877	.872	·863	·869	·895	.919	·896	·874	·874	·875	·864	877	·894	·888
25	·855	·838	·858	·869	·857	·853	·845	·852	·865	·858	·850	·847	·845	·845	·853	·863	·815	·815	·779	·764	·773	·788	·770	·790	·831
26	·781	·768	·805	·845	·851	·859	·827	·843	·838	·839	·839	·828	·818	·820	·807	·804	·794	·794	·778	·729	·699	·719	·693	·705	·795
27	·682	·699	·719	·716	·707	·687	·873	·883	.697	·710	·722	·716	·711	·733	·788	·741	·754	·766	·743	·681	·648	·651	·600	·598	·697
28	·616	·608	·658	·648	·570	·560	·578	·641	·601	·641	·680	·676	·672	·663	·624	·612	·582	·599	·632	·630	·635	·646	·653	·634	·627
29	·638	·864	·667	·701	·692	·691	·695	·705	·694	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·703	·711	·707	·703	·710	·748	·771	·791	·841	·835	·865	·828	·814	·788	·793	·740
Means.	·834	·830	·831	·834	·827	·823	·820	·820	·819	·819	·819	·815	·811	·812	·814	·832	·837	·838	·840	·836	·839	·839	·885	·841	0·828

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the dialy means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4. 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41	
HUMIDITY OF THE AIR DECEMBER 1851.																									
1	0·77	0·84	0·88	0·86	0·88	0·85	0·85	6·87	0·87	0·88	0·89	0·90	0·92	0·93	0·94	5·93	0·87	0·77	0·78	0·76	0·76	0·76	0·75	0·76	0·841
2	·78	·82	·83	·87	·88	·86	·86	·86	·94	·95	·95	·94	·94	·92	·92	·93	·88	·86	·80	·74	·71	·71	·78	·76	·851
3	·77	·82	·83	·85	·86	·87	·89	·89	·91	·91	·90	·91	·92	·95	·96	·91	·88	·80	·74	·72	·78	·74	·74	·77	·845
4	·78	·79	·82	·80	·80	·80	·80	·83	·86	·86	·88	·82	·79	·80	·80	·74	·71	·71	·70	·87	·68	·67	·65	·66	·787
5	·68	·72	·76	·75	·73	·80	·33	·86	·85	·86	·87	·88	·90	·89	·90	·85	·76	·68	·66	·65	·63	·64	·64	·65	·770
6	·69	·71	·73	·76	·82	·83	·85	·86	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·91	·94	·94	·94	·90	·91	90	·83	·78	·72	·68	·65	·67	·66	·88	·801
8	·89	·73	·78	·79	·80	·32	·81	·31	·83	·85	·85	·67	·39	·87	·92	·87	·79	·68	·62	·61	·60	·61	·62	·65	·762
9	·65	·68	·69	·69	·67	·66	·66	·68	·73	·72	·71	·68	·66	·70	·66	·64	·60	·52	·62	·52	·54	·56	·68	·56	·636
10	·60	·65	·68	·65	·63	·87	·62	·62	·67	·68	·68	·65	·82	·64	·86	·63	·60	·55	·53	·62	·61	·51	·65	·65	·610
11	·67	·57	·56	·63	·59	·60	·65	·68	·67	·68	·69	·72	·76	·78	·80	·74	·71	·65	·60	·68	·57	·68	·58	·58	·647
12	·61	·65	·68	·70	·69	·70	·68	·73	·77	·79	·81	·81	·82	·81	·82	·81	·80	·73	·67	·65	·64	·64	·63	·65	·720
13	·67	·72	·75	·73	·79	·76	·76	·73	·80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·85	·89	·90	·92	·94	·91	·91	·90	·86	·85	·80	·78	·78	·78	·80	·813
15	·80	·85	·87	·88	·88	·83	·91	·97	·97	·95	·92	·92	·93	·95	·95	·91	·88	·85	·80	·77	·74	·73	·73	·74	·865
16	·77	·82	·85	·86	·87	·87	·87	·91	·92	·92	·92	·94	·96	·95	·96	·92	·87	·80	·77	·77	·74	·74	·73	·74	·863
17	·79	·81	·81	·83	·87	·84	·87	·87	·90	·90	·90	·93	·96	·94	·93	·90	·86	·78	·75	·72	·71	·72	·73	·74	·836
18	·76	·77	·81	·79	·80	·79	·78	·81	·84	·86	·88	·89	·91	·91	·91	·87	·81	·67	·66	·63	·62	·65	·57	·69	·770
19	·57	·57	·52	·65	·68	·76	·77	·81	·80	·79	·73	·82	·86	·86	·90	·85	·78	·68	·63	·60	·58	·59	·61	·63	·712
20	·63	·63	·68	·68	·70	·68	·70	·71	·72	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·75	·77	·77	·78	·78	·81	·78	·66	·82	·59	·55	·58	·52	·62	·52	·672
22	·53	·57	·59	·59	·60	·60	·60	·59	·82	·63	·84	·65	·66	·72	·78	·74	·68	·61	·55	·62	·53	·52	·52	·53	·607
23	·54	·58	·65	·63	·72	·74	·75	·76	·77	·77	·76	·77	·79	·80	·81	·77	·73	·62	·53	·65	·53	·55	·64	·55	·677
24	·54	·59	·65	·68	·73	·77	·77	·77	·82	·83	·84	·82	·80	·82	·83	·80	·76	·86	·59	·66	·54	·51	·50	·62	·696
25	·53	·65	·63	·64	·87	·66	·60	·68	·71	·78	·76	·75	·76	·77	·81	·75	·70	·65	·57	·67	·63	·53	·54	·67	·652
26	·69	·62	·67	·72	·74	·79	·78	·80	·81	·83	·84	·82	·81	·79	·79	·74	·70	·67	·63	·57	·59	·65	·65	·63	·718
27	·66	·67	·71	·73	·76	·76	·77	·74	·80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·77	·74	·76	·78	·82	·83	·82	·80	·76	·61	·56	·65	·55	·59	·83	·715
29	·65	·87	·67	·69	·67	·68	·64	·65	·70	·71	·71	·76	·82	·75	·84	·80	·76	·68	·68	·60	·60	·60	·61	·80	·685
30	·84	·66	·67	·68	·65	·66	·66	·70	·69	·71	·72	·72	·72	·74	·75	·70	·59	·50	·53	·64	·56	·56	·55	·54	·643
31	·57	·59	·63	·67	·70	·69	·69	·70	·70	·71	·71	·75	·79	·81	·76	·74	·67	·89	·86	·53	·52	·53	·66	·49	·665
Means.	·660	·893	·717	·735	·749	·753	·756	·776	·798	·807	·812	·818	·829	·834	·846	·813	·760	·698	·653	·627	·617	·818	·824	·837	0·735
TENSION OF VAPOUR DECEMBER 1851.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·823	0·859	0·866	0·850	0·867	0·848	0·848	0·863	0·856	0·857	0·858	0·850	0·843	0·831	0·875	0·899	0·913	0·859	0·842	0·878	0·896	0·852	0·875	0·860	0·864
2	·858	·359	·846	·874	·880	·861	·858	·846	·882	·880	·877	·664	·851	·848	·862	·900	·900	·907	·876	·865	·842	·883	·840	·861	·885
3	·839	·856	·843	·848	·846	·856	·860	·864	·859	·842	·824	·826	·829	·842	·879	·883	·901	·862	·356	·854	·843	·862	·846	·851	·853
4	·328	·815	·827	·789	·800	·733	·782	·788	·813	·806	·799	·766	·733	·725	·899	·718	·726	·766	·762	·737	·746	·737	·716	·711	·768
5	·715	·723	·738	·727	·740	·756	·738	·735	·730	·711	·702	·705	·708	·703	·718	·758	·736	·706	·711	·719	·703	·699	·700	·699	·720
6	·721	·712	·714	·724	·732	·720	·725	·722	·717	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·723	·729	·724	·720	·677	·688	·733	·748	·728	·714	·717	·700	·711	·697	·713	·717
8	·697	·707	·721	·724	·715	·712	·691	·685	·678	·675	·678	·678	·679	·657	·701	·758	·886	·658	·635	·842	·846	·666	·670	·680	·685
9	·668	·850	·640	·837	·609	·603	·593	·613	·623	·607	·590	·572	·555	·571	·355	·687	·595	·543	·563	·666	·586	·538	·602	·609	·597
10	·619	·627	·621	·610	·536	·598	·566	·560	·676	·570	·564	·543	·522	·533	·553	·555	·671	·556	·553	·559	·564	·555	·577	·569	·571
11	·682	·533	·511	·566	·523	·533	·570	·580	·660	·532	·544	·551	·559	·566	·561	·564	·601	·601	·693	·596	·598	·597	·597	·590	·571
12	·697	·613	·612	·614	·607	·602	·630	·606	·629	·641	·652	·847	·642	·626	·682	·644	·681	·672	·663	·671	·678	·678	·661	·662	·838
13	·666	·680	·691	·686	·709	·682	·670	·668	·689	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·787	·805	·819	·834	·824	·737	·737	·824	·847	·847	·841	·841	·855	·855	·854	·770
15	·841	·844	·848	·855	·842	·840	·844	·882	·872	·844	·815	·813	·811	·821	·827	·841	·860	·869	·841	·834	·830	·810	·811	·799	·837
16	·798	·816	·837	·828	·830	·829	·819	·836	·834	·825	·815	·315	·816	·803	·829	·846	·857	·838	·838	·851	·839	·844	·819	·819	·829
17	·823	·808	·812	·817	·837	·798	·808	·793	·803	·812	·818	·828	·336	·820	·817	·850	·831	·829	·313	·781	·782	·782	·790	·780	·811
18	·791	·754	·780	·769	·756	·740	·735	·742	·753	·753	·752	·783	·774	·735	·736	·745	·754	·663	·682	·671	·676	·600	·607	·609	·722
19	·562	·635	·560	·587	·590	·639	·634	·649	·637	·530	·822	·623	·625	·608	·852	·674	·697	·670	·649	·620	·607	·616	·624	·639	·622
20	·621	·641	·625	·618	·823	·609	·813	·610	·813	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·634	·654	·645	·887	·680	·623	·644	·621	·824	·615	·685	·669	·561	·647	·527	·612
22	·527	·530	·535	·524	·631	·529	·538	·518	·538	·542	·546	·540	·535	·552	·589	·588	·603	·604	·570	·652	·571	·544	·546	·540	·550
23	·639	·643	·571	·689	·606	·807	·680	·593	·695	·580	·564	·564	·664	·559	·572	·688	·628	·604	·643	·670	·345	·676	·663	·568	·575
24	·586	·654	·573	·586	·809	·628	·820	·813	·845	·647	·649	·615	·581	·579	·581	·699	·646	·612	·585	·569	·553	·522	·514	·521	·539
25	·510	·514	·561	·551	·568	·557	·574	·560	·637	·643	·548	·545	·543	·547	·561	·583	·590	·607	·570	·698	·538	·548	·543	·583	·537
26	·575	·570	·598	·619	·583	·648	·833	·642	·644	·847	·649	·618	·688	·578	·582	·583	·587	·601	·597	·674	·619	·650	·829	·611	·809
27	·625	·819	·635	·646	·660	·642	·634	·630	·670	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·865	·659	·659	·659	·865	·682	·690	·729	·731	·618	·679	·596	·699	·629	·649	·649
29	·847	·640	·635	·638	·618	·585	·588	·590	·630	·625	·819	·631	·643	·802	·623	·642	·681	·676	·682	·838	·629	·636	·642	·618	·631
30	·629	·681	·819	·817	·590	·603	·606	·628	·626	·628	·620	·616	·612	·640	·647	·628	·568	·602	·644	·682	·579	·580	·557	·542	·600
31	·560	·659	·578	·681	·637	·589	·585	·586	·588	·592	·598	·603	·609	·597	·573	·576	·565	·597	·809	·637	·542	·643	·569	·588	·682
Means.	·677	·674	·681	·883	·685	·681	·878	·682	·688	·688	·687	·682	·678	·673	·681	·897	·707	·694	·680	·674	·671	·889	·667	·668	0·681

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

DIRECTION AND FORCE OF THE WIND.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
DIRECTION OF THE WIND. JANUARY 1851.	parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	2	2	2	2	2	2	2	31	31	30	30	30	30	30	28	28	28	0	0	8	8	7	7	7	13	NbE
2	5	3	5	5	5	5	5	5	5	5	28	28	28	28	28	26	28	28	8	7	7	6	7	7	26	NNE
3	5	3	3	3	3	4	4	4	5	28	28	28	28	28	28	28	31	6	6	5	5	5	4	4	19	NNE
4	4	3	2	2	2	0	0	1	0	30	30	30	30	30	29	29	31	1	4	4	4	4	4	4	10	NbE
5	3	2	2	2	30	31	31	31	31	30	4	31	31	28	26	26	28	30	6	6	5	7	8	8	10	NbE
6	8	7	6	7	7	6	6	4	29	29	29	29	29	23	24	24	26	3	4	4	4	4	4	4	15	NbE
7	4	4	3	3	3	4	5	6	7	7	3	28	28	28	29	29	29	31	2	4	4	4	4	4	23	NNE
8	4	5	4	4	4	4	3	2	2	31	30	30	29	29	30	30	31	31	4	4	3	3	3	4	17	NNE
9	3	3	3	2	2	2	1	1	30	29	29	29	29	29	28	28	29	30	2	1	1	5	5	5	3	N
10	3	3	4	4	4	4	4	4	3	28	28	28	28	28	28	28	29	31	1	0	4	4	4	4	8	NbE
11	5	4	4	6	6	7	7	7	7	5	6	28	28	28	27	27	23	21	10	7	8	7	7	5	31	NEbN
*12	5	6	5	5	7	7	6	6	8	8	8	8	22	23	23	23	23	24	21	4	28	10	8	8	?	?
*13	8	8	9	9	10	11	11	11	11	11	20	20	21	21	21	21	26	23	20	15	9	11	8	8	?	?
14	7	6	6	8	9	9	7	8	8	8	8	8	8	8	31	31	31	3	7	5	6	5	5	5	66	ENE
15	4	4	3	3	4	4	4	4	4	4	4	4	31	31	31	31	31	2	3	4	4	5	5	5	32	NEbN
16	6	6	6	5	5	5	5	5	5	6	6	4	30	30	5	1	6	6	6	5	5	5	4	4	50	NE
17	5	5	4	4	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	51	NEbE
18	3	3	4	4	4	4	5	5	5	5	5	5	5	29	29	29	31	5	4	4	4	4	4	4	36	NEbN
19	4	4	3	3	4	4	4	4	5	1	31	31	30	29	29	29	31	4	4	4	4	4	4	4	23	NNE
20	4	4	5	5	5	5	5	5	5	5	4	3	31	31	31	31	31	2	5	4	4	4	4	4	36	NEbN
21	4	4	4	4	4	4	4	4	4	5	5	31	31	31	31	31	31	4	4	4	4	4	4	4	32	NEbN
22	4	4	4	4	4	4	5	5	5	5	5	5	31	31	31	0	1	6	5	5	5	5	4	4	40	NE
23	4	4	4	4	4	5	5	6	6	6	0	0	0	31	31	31	5	5	7	6	6	7	7	6	44	NE
24	4	4	4	4	4	4	4	4	4	4	30	30	23	23	24	25	28	8	6	4	4	5	5	6	17	NNE
25	4	4	4	5	4	4	4	4	4	4	0	0	30	28	28	28	29	4	7	6	6	5	5	5	29	NEbN
26	5	5	6	6	5	5	4	5	5	4	4	29	28	28	28	29	3	6	5	5	5	5	5	5	35	NEbN
27	6	6	5	5	5	5	5	4	3	31	31	31	31	31	24	26	27	4	5	5	5	5	5	5	25	NNE
28	3	4	3	3	3	4	4	3	3	3	4	4	5	7	23	24	28	7	7	7	7	7	6	6	37	NEbN
29	7	5	6	7	6	6	0	7	7	8	7	29	29	29	29	29	29	6	8	8	8	7	7	7	49	NE
30	5	5	5	4	4	4	5	5	6	7	6	6	30	30	30	30	30	4	5	5	6	8	7	7	44	NE
31	6	6	7	8	8	8	8	8	7	5	4	31	31	31	31	30	1	2	4	7	7	7	7	7	52	NEbE
Hourly Means.	° 51 NEbE	° 47 NE	° 47 NE	° 49 NE	° 48 NE	° 49 NE	° 48 NE	° 48 NE	° 44 NE	° 31 NEbN	° 20 NNE	° 0 N	° 344 NbW	° 337 NNW	° 326 NWbN	° 325 NWbN	° 342 NNE	° 27 NNE	° 55 NEbE	° 55 NEbE	° 57 NEbE	° 59 NEbE	° 58 NEbE	° 57 NEbE	° 30	NEbN
No. of Observations with the wind in each quarter: NW	0	0	0	0	1	1	1	2	4	9	11	18	23	24	27	26	23	7	0	0	1	0	0	0	176	Obs. NW
SW	0	0	0	0	0	0	0	0	0	0	1	1	3	4	2	2	2	2	2	6	0	0	0	0	19	" SW
SE	1	1	1	3	3	3	2	4	3	4	2	2	1	1	0	0	0	1	3	3	4	3	3	3	51	" SE
NE	30	30	30	28	27	27	28	25	24	18	17	10	4	2	2	3	6	21	26	28	26	28	28	28	496	" NE

* The Observations of the 12th, 13th are omitted from the hourly and daily Means.

FORCE OF THE WIND. JANUARY 1851.	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·15	0·05	0·00	0·00	0·00	0·00	0·00	0·00	0.00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·05	0·07	0·07	0·12	0·15	0·17	0·12	0·04
2	·15	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·05	·07	·10	·07	·05	·03
3	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·15	·20	·30	·25	·20	·17	·06
4	·07	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·15	·20	·25	·27	·20	·17	·06
5	·10	·07	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·12	·15	·12	·15	·15	·04
6	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·07	·15	·15	·17	·12	·03
7	·10	·07	·02	·00	·00	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·07	·12	·15	·25	·22	·20	·20	·06
8	·17	·12	·05	·05	·07	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·22	·25	·30	·20	·20	·32	·09
9	·40	·20	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·05	·05	·07	·20	·37	·22	·07
10	·22	·15	·10	·07	·07	·07	·05	·02	·00	·00	·00	·00	·00	·00	·00	00	·02	·05	·22	·30	·50	·55	·60	·35	·14
11	·22	·10	·12	.15	·10	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·07	·15	·15	·05
12	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·20	·02
13	·25	·20	·20	·10	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	07	·07	·17	·15	·05
14	·12	·10	·07	·15	·12	.05	·02	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·02	·05	·12	·15	·27	·35	·37	·08
15	·25	·17	·05	·02	·05	·07	·10	·05	·00	·00	·00	·00	·00	·00	·00	·00	·02	·15	·35	·55	·60	·60	·40	·32	·16
16	·35	·17	·15	·12	·10	·07	·05	·05	·05	·02	·02	·00	·00	·00	·00	·02	·10	·17	·32	·37	·35	·27	·30	·25	·14
17	·35	·20	·17	·12	·25	·22	·25	·20	·25	·17	·20	·17	·10	·12	·07	·10	·30	·55	·50	·55	·42	·60	·70	·70	·30
18	·40	.20	·12	.15	·10	·07	·05	·02	·00	·02	.02	·00	·00	·00	.00	·00	·00	·25	·20	·30	·22	·20	·25	·20	·11
19	·22	·20	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·17	·30	·32	·22	·25	·20	·25	·09
20	·20	·10	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·35	·30	·30	·25	·45	·30	·10
21	·35	·20	·10	·07	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·37	·42	·45	·30	.37	·30	·27	·13
22	·45	·32	·17	·10	·10	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·22	·55	·60	·70	·75	·80	·60	·23
23	·25	·12	·07	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·35	·40	.55	·50	·22	·25	.20	·13
24	·15	·05	·00	·00	·00	·00	.00	·00	·00	.00	·00	·00	·00	·00	·00	.00	·00	·00	·05	·07	·12	·20	·17	·10	·04
25	·07	·02	·02	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·12	·20	·20	·15	·12	·04
26	·12	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·05	·15	·20	·20	·15	·17	·15	·10	·06
27	·07	·02	·00	·02	·02	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·17	·20	·17	·17	·15	·17	·05
28	·12	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·10	·07	·10	·12	·12	·03
29	·07	·05	·02	·02	·05	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·10	·12	·15	·15	·20	·04
30	·12	·07	·05	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·12	·20	·17	·15	·15	·17	·05
31	·15	·10	·10	·12	·12	·15	·07	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·02	·12	.17	·20	·20	·20	·17	·08
Means.....	·19	·11	·06	·04	04	·03	·02	·01	·01	·01	·01	·01	·00	·00	·00	·00	·02	·10	·13	·22	·23	·24	·26	·23	0·08

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

DIRECTION AND FORCE OF THE WIND.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
DIRECTION OF THE WIND. FEBRUARY 1851.	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	5	5	6	7	5	5	5	5	5	4	4	3	3	30	30	30	30	4	4	4	4	4	5	5	39	NEbyN
2	5	4	4	4	4	4	5	5	5	5	5	4	4	4	28	28	5	5	5	4	4	4	4	4	42	NE
3	4	4	4	4	4	4	4	4	4	4	31	31	25	24	26	28	30	4	5	5	6	6	5	5	22	NNE
4	5	4	4	4	4	5	5	4	4	4	31	31	26	26	26	26	27	10	5	8	8	8	8	7	32	NEbyN
*5	7	5	6	7	7	6	8	8	8	7	26	26	23	23	23	23	23	10	12	10	9	9	9	9	?	?
6	10	10	10	10	10	11	10	10	11	11	11	20	23	23	23	23	25	22	18	9	0	9	9	10	158	SSE
7	10	10	11	10	10	10	10	10	10	10	24	24	24	24	24	24	24	10	11	9	8	9	9	8	156	SSE
8	10	0	10	10	10	10	10	10	9	0	8	10	10	23	23	25	25	10	11	0	8	8	8	8	133	SE
9	7	0	8	7	7	7	8	8	8	8	8	23	23	23	24	25	25	12	0	0	9	9	9	9	138	SE
10	10	10	10	10	11	11	12	12	12	12	22	22	22	22	22	22	21	15	12	11	12	12	12	12	164	SbyE
11	4	4	5	5	5	5	5	5	5	28	23	23	22	22	22	21	20	17	18	12	12	12	12	12	150	SEbyS
12	12	12	12	11	11	11	11	11	12	12	20	21	21	21	21	21	22	15	12	12	11	12	10	9	161	SSE
13	9	9	9	9	0	8	8	10	12	12	12	12	22	22	22	22	23	15	10	10	10	10	10	10	143	SEbyS
14	10	10	10	10	10	10	10	12	20	20	21	21	21	21	21	21	19	16	17	17	12	12	12	12	171	SbyE
15	11	11	11	11	11	11	11	12	12	21	21	21	21	21	21	20	20	20	18	20	12	12	11	12	174	SbyE
16	12	12	12	13	13	13	12	13	13	13	13	21	21	21	21	22	20	15	14	14	13	12	12	12	167	SbyE
17	10	8	7	8	8	0	9	0	10	11	21	21	21	21	21	21	22	8	7	6	7	7	7	7	134	SE
18	7	9	9	9	0	9	9	9	9	10	10	20	20	20	20	21	21	13	13	12	12	12	11	11	143	SEbyS
19	10	10	9	9	0	0	10	10	10	10	10	10	16	22	22	22	23	9	12	11	10	10	9	9	136	SE
20	9	0	7	8	8	8	8	8	8	8	24	24	24	24	24	24	22	15	11	7	8	6	6	6	143	SEbyS
21	5	5	6	6	6	6	6	6	4	4	29	28	22	24	26	28	28	30	2	6	5	5	5	5	19	NNE
22	6	8	10	10	12	12	12	12	23	25	25	25	25	24	24	24	23	10	20	12	11	12	12	12	187	SbyW
23	11	11	12	12	12	12	12	12	26	25	25	25	25	25	25	8	8	4	9	8	7	6	6	7	156	SSE
24	8	7	7	7	7	7	7	7	15	15	24	25	25	25	25	23	21	18	12	11	12	10	10	10	158	SSE
25	8	8	9	8	8	8	8	8	10	10	26	26	26	20	26	24	24	16	12	12	12	11	11	10	163	SSE
26	9	11	10	10	10	10	10	12	12	24	24	25	25	25	25	23	23	16	13	13	13	13	13	13	170	S
27	12	12	12	12	12	12	12	12	12	22	20	20	22	22	22	20	20	17	14	12	12	12	13	13	173	S
28	14	14	14	14	14	14	23	23	23	23	23	23	23	23	23	21	16	12	12	12	12	12	12	12	193	SbyW
Hourly Means. No. 1	° 54 NEbE	° 40 NE	° 54 NEbE	° 56 NEbE	° 52 NEbE	° 54 NEbE	° 56 NEbE	° 54 NEbE	° 49 NE	° 47 NE	° 9 NbE	° 2 N	° 324 NWbN	° 350 NbW	° 306 NWbW	° 313 NW	° 342 NNW	° 47 NE	° 54 NEbE	° 61 NEbE	° 61 NEbE	° 61 NEbE	° 61 NEbE	° 58 NEbE	° 31 NEbN	° 135 SE
Hourly Means. No. 2	107 EbS	109 EbS	110 EbS	109 EbS	111 EbS	111 EbS	117 ESE	121 SEbE	145 SEbS	174 SbE	213 SWbS	237 SWbW	247 WSW	256 WbS	257 WbS	244 WSW	230 SWbW	161 SSE	146 SEbS	127 SEbE	119 SEbE	117 ESE	115 ESE	115 ESE	130 SE	
No. of Observations with the Wind in each Quarter — N W	0	0	0	0	0	0	0	0	1	4	11	11	9	11	13	11	9	1	0	0	0	0	0	0	31	Obs. N W
S W	0	0	0	0	0	0	1	1	3	4	8	12	16	16	15	16	17	9	5	2	0	0	0	0	125	" S W
S E	18	20	18	19	10	19	20	20	18	14	7	3	1	0	0	1	1	14	18	26	22	21	21	20	334	" S E
N E	10	8	10	9	9	9	7	7	6	6	2	2	2	1	0	0	1	4	5	6	6	7	7	8	132	" N E
FORCE OF THE WIND. FEBRUARY 1851.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	
1	0·15	0·12	0·10	0·07	0·07	0·05	0·02	0·02	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·07	0·15	0·22	0·25	0·22	0·20	0·24	0·08	
2	·17	·07	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·20	·25	·27	·30	·32	·35	·20	·10	
3	·20	·17	·12	·10	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·20	·25	·20	·20	·17	·15	·08	
4	·15	·07	·02	·00	·00	·02	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·07	·10	·15	·15	·12	·04	
5	·07	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·17	·15	·20	·15	·04	
6	·10	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·10	·15	·17	·20	·20	·04	
7	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·10	·12	·15	·15	·17	·17	·04	
8	·20	·15	·05	·02	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·07	·07	·10	·15	·17	·15	·05	
9	·12	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·07	·12	·15	·15	·20	·04	
10	·15	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·07	·12	·15	·17	·17	·04	
11	·07	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·12	·15	·17	·20	·35	·30	·20	·20	·08	
12	·20	·15	·02	·02	·07	·07	·05	·10	·05	·00	·00	·00	·00	·00	·00	·00	·00	·05	·07	·07	·12	·15	·12	·15	·06	
13	·15	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·12	·15	·17	·15	·17	·17	·05	
14	·17	·17	·07	·05	·05	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·12	·15	·20	·20	·25	·20	·20	·08	
15	·20	·20	·12	·05	·10	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·15	·15	·20	·17	·20	·25	·35	·09	
16	·60	·45	·25	·10	·12	·12	·12	·10	·02	·00	·00	·00	·00	·00	·00	·00	·02	·05	·12	·12	·15	·17	·15	·12	·12	
17	·15	·10	·02	·05	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·07	·07	·10	·15	·17	·15	·05	
18	·15	·10	·02	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·07	·12	·15	12	·15	·15	·05	
19	·10	·12	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·07	·10	·12	·15	·12	·15	·04	
20	·25	·17	·12	·05	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·07	·10	·15	·17	·20	·20	·07	
21	·20	·17	·02	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·05	·12	·40	·42	·25	·22	·08	
22	·15	·12	·05	·02	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·20	·25	·20	·12	·05	
23	·10	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·07	·07	·10	·10	·02	
24	·10	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·07	·12	·10	·10	·12	·13	·04	
25	·15	·12	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·05	·07	·07	·12	·13	·04	
26	·12	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·12	·10	·15	·15	·15	·12	·04	
27	·12	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·12	·15	·22	·25	·40	·42	·08	
28	·37	·20	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	07	·12	·15	·17	·20	·15	·17	·15	·07	
Means	0·17	·12	·05	·02	·02	·02	·01	·01	·00	·00	·00	·00	·00	·00	·00	·00	·02	·06	·09	·12	·17	·18	·18	·18	0·06	

* The Observations of the 5th are rejected from the hourly and daily Means.

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

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DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. MARCH 1851.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction.
Madras Mean Time.	P. M. h. m. 4. 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1[2]	13	12	12	12	12	12	12	12	12	12	26	26	26	26	26	26	28	9	9	9	9	9	9	9	172	sbyE
2[2]	9	10	10	10	11	11	11	11	11	11	11	26	27	27	27	26	6	11	10	10	10	9	9	9	151	sEbyS
3	9	9	10	10	10	10	10	31	31	31	31	31	31	31	31	30	30	8	8	8	8	9	8	7	52	NEbyE
4	6	7	7	7	7	7	8	8	8	7	7	4	30	30	30	30	3	7	6	7	6	5	5	5	56	NEbyE
5	5	5	4	4	4	3	3	3	3	31	31	31	30	30	30	30	31	4	4	5	5	6	5	4	25	NNE
6	4	4	3	3	3	3	3	3	3	1	29	29	30	30	31	31	30	0	3	4	4	4	4	4	18	NNE
7	4	4	4	4	5	4	4	4	4	3	3	29	29	29	29	29	0	4	6	7	5	5	6	6	31	NEbyN
8	5	4	4	4	5	5	5	3	3	3	3	28	28	28	28	28	30	31	0	31	5	4	4	4	17	NNE
9	4	4	4	5	5	5	6	6	2	2	2	2	2	31	30	30	2	6	6	6	6	7	6	7	42	NE
*10	7	7	7	8	8	8	8	10	24	24	24	24	25	25	24	25	28	0	7	9	8	8	8	8	?	?
*11	7	6	8	8	8	7	8	9	10	9	9	9	9	0	0	28	20	20	16	18	8	9	9	9	?	?
12[2]	8	7	8	9	9	9	9	9	10	10	10	24	24	25	25	21	21	20	18	11	12	11	12	12	157	SSE
13[2]	10	10	10	9	9	9	9	9	9	9	20	20	20	20	27	6	26	26	8	10	9	9	8	10	146	sEbyS
14[2]	10	11	12	12	12	12	12	12	27	24	24	27	27	27	26	26	24	27	21	11	11	11	10	11	200	SSW
15[2]	10	10	11	11	11	11	11	11	29	29	29	26	26	26	21	22	21	18	13	13	14	14	14	13	194	sbyW
16[2]	13	13	13	13	13	13	13	13	31	31	25	25	24	24	24	23	19	13	13	12	12	13	13	13	196	sbyW
17[2]	12	12	12	12	12	12	12	12	20	20	20	20	20	22	23	23	21	15	12	11	11	12	11	11	172	sbyE
*18	10	10	11	11	11	11	9	5	5	5	2	27	27	27	26	28	28	20	20	11	7	8	8	8	?	?
19[2]	7	8	8	8	9	9	10	10	10	10	24	24	24	24	16	20	20	15	13	12	12	12	12	12	154	SSE
20[2]	13	13	13	13	14	14	16	16	17	16	20	3	0	21	18	19	18	17	17	13	13	13	14	14	192	sbyW
21[2]	14	14	14	14	14	14	15	15	15	20	20	13	18	15	17	17	16	17	18	13	13	13	13	13	175	S
22[2]	13	13	13	13	13	14	14	14	16	19	19	19	19	20	20	18	18	18	15	13	13	13	13	13	175	S
23[2]	14	14	13	14	14	14	14	15	16	16	16	19	26	26	26	22	20	20	14	15	14	14	15	15	190	sbyW
24[2]	12	12	12	12	12	12	11	11	11	17	17	17	17	17	19	19	17	15	12	12	12	12	12	12	156	SSE
25[2]	13	13	13	12	12	12	12	12	13	13	24	24	24	23	22	23	15	13	13	13	13	13	13	13	174	sbyE
26[2]	13	13	13	13	13	13	13	13	14	23	25	25	25	25	25	25	15	13	12	12	12	12	13	13	184	S
27[2]	14	14	13	15	14	14	14	14	14	22	22	22	22	22	22	24	18	13	12	12	12	10	11	10	178	S
28[2]	10	10	10	10	10	10	10	10	10	11	17	20	20	20	20	20	20	22	22	9	10	10	10	9	155	SSE
29[2]	10	9	9	8	9	9	9	10	10	11	11	11	11	8	8	0	12	10	9	11	12	12	12	12	109	ESE
30[2]	10	9	9	10	11	11	12	13	13	13	13	13	13	23	23	20	16	13	13	12	11	11	9	9	145	sEbyS
*31	9	10	11	10	10	10	10	10	10	10	10	20	24	30	30	30	9	11	11	10	8	9	9	9	?	?
Hourly Means. No. 1	59° NEbE	59° NEbE	58° NEbE	59° NEbE	63° ENE	52° NEbE	63° ENE	42° NE	35° NEbN	22° NNE	16° NbyE	350° NbyW	341° NNW	336° NNW	336° NNW	334° NNW	357° N	45° NE	53° NEbE	58° NEbE	63° ENE	63° ENE	61° NEbE	59° NEbE	35° NEbN	134° SE
Hourly Means. No. 2	128 SEbE	128 SEbE	128 SEbE	129 SEbE	132 SE	132 SE	134 SE	136 SE	173 SbyE	190 SbyW	221 SW	248 WSW	259 WSW	250 WSW	245 WSW	225 SW	209 SWbS	183 S	154 SSE	132 SE	132 SE	131 SE	131 SE	131 SE	169 SbyE	
No. of observations with the wind in each quarter. N W	0	0	0	0	0	0	0	1	5	6	11	16	19	19	18	16	9	3	0	1	0	0	0	0	124	Obs. N W
S W	0	0	0	0	0	0	1	1	4	8	9	9	7	10	11	13	14	9	7	1	0	0	0	0	104	,, S W
S E	22	22	24	25	25	24	25	23	16	11	6	3	3	1	1	0	4	12	16	24	24	25	25	24	385	,, S E
N E	9	9	7	6	6	7	5	6	6	6	5	3	2	1	1	2	4	7	8	5	7	6	6	7	131	,, N E

* The Observations of the 10, 11; 18 and 31 are rejected from the hourly and daily Means.

FORCE OF THE WIND. MARCH 1851.

Day	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·15	0·10	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·05	0·07	0·12	0·15	0·17	0·15	0·12	0·05
2	·15	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·15	·12	·17	·15	·12	·05
3	·10	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·30	·00	·07	·12	·15	·17	·17	·15	·05	·04
4	·15	·12	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·07	·10	·15	·32	·20	·20	·06
5	·30	·20	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·15	·37	·60	·65	·75	·55	·47	·17
6	·22	·27	·20	·10	·02	·05	·02	·02	·00	·00	·00	·00	·00	·00	·00	·05	·07	·15	·25	·22	·30	·27	·37	·20	·12
7	·30	·20	·15	·20	·15	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·07	·12	·17	·20	·25	·25	·09
8	·27	·25	·15	·07	·12	·12	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·15	·65	·55	·70	·60	·15
9	·50	·25	·15	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·07	·15	·15	·20	·17	·17	·25	·09
10	·20	·15	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·25	·25	·27	·30	·07
11	·25	·20	·17	·20	·15	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·07	·12	·25	·20	·20	·20	·09
12	·12	·15	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·07	·07	·10	·15	·12	·12	·12	·05
13	·15	·12	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·20	·25	·15	·17	·05
14	·12	·10	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·12	·15	·12	·15	·15	·04
15	·12	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·10	·20	·25	·20	·25	·25	·17	·07
16	·15	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·10	·12	·15	·17	·20	·17	·05
17	·17	·12	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	00	·00	·00	·02	·07	·12	·15	·15	·20	·17	·15	·06
18	·10	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·12	·15	·17	·20	·04
19	·22	·20	·10	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·12	·20	·27	·30	·32	·30	·09
20	·20	·22	·10	·02	·02	·00	·00	·00	·02	·00	·00	·00	·00	·00	·02	·25	·75	1·05	·85	·65	1·10	1·25	1·20	1·30	·37
21	·75	·30	·27	·30	·20	·17	·15	·07	·02	·00	·00	·00	·02	·05	·07	·27	·75	1·15	·70	1·10	1·20	1·20	0·95	0·90	·41
22	1·10	·75	·37	·25	·25	·20	·17	·12	·02	·00	·00	·00	·00	·00	·02	·22	·70	0·60	·40	0·70	0·50	0·62	·65	1·05	·37
23	0·50	·35	·20	·10	·07	·07	·02	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·15	·37	·40	·40	·27	0·20	·14
24	·20	·17	·12	·07	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·20	·20	·27	·25	·30	·15	·35	·25	·12
25	·22	·20	·10	·07	·02	·00	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·52	·27	·30	·55	·65	·50	·40	·15
26	·30	·15	·02	·05	·02	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·20	·22	·27	·30	·42	·30	·12
27	·70	·30	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·12	·27	·30	·45	·55	·70	·85	·18
28	·45	·22	·20	·27	·25	·17	·05	·02	·02	·00	·00	·00	·00	·00	·00	·00	·07	·12	·15	·20	·35	·67	·95	1·30	·23
29	·92	·60	·25	·17	·17	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·12	·22	·35	·35	·60	0·70	·19
30	·35	·20	·10	·05	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·07	·20	·22	·20	·15	·25	·20	·09
31	·17	·20	·10	·15	·12	·12	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·17	·25	·20	·35	·50	·60	·15
Means....	0·31	·21	·11	·07	·05	·04	·02	·01	·00	·00	·00	·00	·00	·00	·00	·03	·10	·16	·19	·25	·34	·38	·39	·41	0·13

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. APRIL 1851.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction.
Madras Mean Time.	h. m. 4. 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10 41	h. m. 11. 41	h. m. 12 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	5	8	7	8	8	9	9	9	20	20	20	20	20	21	21	21	6	11	11	10	9	9	0	9	141	SEbS
2	0	9	11	11	12	12	12	12	12	26	26	26	26	26	26	26	21	19	13	12	11	12	11	12	154	S
*3	12	11	12	12	12	12	13		Board stopped.							19	15	17	15	13	13	13	13	13	?	?
4	13	13	13	14	14	14	15	14	14	22	22	21	19	17	18	15	17	17	15	13	13	12	12	12	171	SbE
5	12	12	12	13	13	13	13	13	14	14	15	20	20	19	19	19	17	16	15	14	13	13	13	13	166	SbE
6	12	13	13	13	12	12	12	12	12	12	12	12	12	12	13	13	13	12	12	12	12	12	11	11	137	SE
*7	13	13	13	12	12	12	12	12	12	12	2	2	0	8	15	9	9	10	11	11	10	10	11	11	?	?
8	10	10	9	10	11	11	12	12	13	14	20	23	23	23	26	28	0	9	11	11	11	12	12	12	156	SSE
9	10	10	11	12	12	12	12	13	13	13	13	16	19	19	19	20	19	12	12	11	11	11	11	11	151	SEbS
10	11	12	12	12	12	12	13	13	15	16	20	20	20	20	20	20	15	13	12	13	13	13	13	13	169	SbE
11	13	13	14	14	14	15	15	15	17	17	17	17	17	17	17	18	17	13	13	13	13	13	13	13	168	SbE
12	13	13	13	13	13	14	14	14	16	16	16	16	16	17	16	16	16	13	13	13	13	13	13	13	161	SSE
13	13	15	13	13	13	13	13	13	14	17	17	17	17	17	20	19	17	15	14	14	14	14	14	14	168	SbE
14	13	13	13	14	14	15	14	14	15	16	16	16	16	16	16	20	18	14	14	14	14	14	14	14	167	SbE
15	13	13	13	13	13	14	14	15	15	17	17	17	18	18	18	19	18	15	14	14	14	14	14	14	171	SbE
16	12	12	12	13	12	12	12	12	13	20	20	20	20	20	10	19	17	18	13	21	13	14	14	14	174	SbE
17	13	13	13	13	13	13	13	14	14	16	20	25	25	25	21	17	20	13	13	13	13	13	13	13	178	S
18	12	12	12	12	12	12	12	12	12	13	27	27	25	25	25	25	20	11	12	12	11	10	11	14	176	S
19	10	10	10	10	11	11	11	12	12	20	20	20	22	22	22	23	20	17	12	12	12	12	12	12	166	SbE
20	11	11	12	12	12	12	13	13	18	21	21	21	21	21	21	19	18	15	19	11	11	11	11	12	173	SbE
21	13	13	13	13	13	13	13	15	15	18	15	15	20	20	10	19	19	20	20	13	13	13	14	14	178	S
22	12	12	12	12	12	13	13	16	17	18	20	20	18	17	16	16	19	20	19	13	13	13	13	13	172	SbE
23	13	13	13	15	14	14	15	15	16	15	18	18	17	15	17	17	18	20	13	13	13	13	13	13	171	SbE
24	13	13	13	14	15	15	15	17	17	17	16	15	14	16	15	17	15	14	14	14	13	13	13	13	165	SbE
25	13	13	13	13	14	14	15	16	18	18	15	15	15	15	17	19	19	14	14	14	13	13	13	13	167	SbE
26	13	15	13	14	14	14	15	17	18	18	15	15	14	15	15	15	14	13	13	13	12	12	12	12	159	SSE
27	12	12	12	12	12	12	12	12	15	14	20	20	20	20	20	25	20	12	12	12	12	12	12	12	165	SbE
28	11	11	11	12	12	12	12	12	12	12	12	12	13	13	13	12	15	12	12	10	10	11	11	11	133	SE
29	11	10	11	11	9	10	9	9	9	0	9	10	21	21	20	20	18	12	2	9	9	10	10	8	137	SE
*30	8	8	8	9	8	8	9	11	10	10	28	28	28	28	28	29	30	2	4	5	5	5	4	4	?	?
Hourly Means.	° 132 SE	° 133 SE	° 135 SE	° 140 SE	° 140 SE	° 143 SEbS	° 145 SEbS	° 150 SEbS	° 164 SbE	° 187 SbW	° 201 SSW	° 211 SWbS	° 212 SWbS	° 213 SWbS	° 212 SWbS	° 217 SWbS	° 157 SbW	° 166 SbE	° 151 SEbS	° 143 SEbS	° 137 SE	° 138 SE	° 135 SE	° 140 SE	° 164	SbE
No. of Observations with the wind in each quarter: NW	0	0	0	0	0	0	0	0	0	1	3	4	4	4	4	5	1	0	0	0	0	0	0	0	26	Obs. NW
SW	0	0	0	0	0	0	0	4	9	17	18	19	19	20	20	21	22	11	3	1	0	0	0	0	184	" SW
SE	29	30	29	30	30	30	30	25	20	11	7	5	5	5	5	4	5	15	26	25	29	29	29	29	488	" SE
NE	1	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	2	1	1	1	1	1	1		14	" NE

* The Observations of the 3d, 7th, 30th, are rejected from the hourly and daily Means.

FORCE OF THE WIND. APRIL 1851.

	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·25	0·20	0·17	0·15	0·07	0·00	0·00	0.00	0·00	0·00	0·00	0·00	0·00	0·00	0.00	0·00	0·00	0·07	0·10	0·12	0·17	0·25	0·37	0·35	0·09
2	·25	·20	·05	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·10	·20	·22	·22	·20	·30	·08
3	·22	·20	·07	·02	·05	·00	·00	·00	Board stopped.			·00	·00	·00	·00	.15	·20	·32	·35	·40	·60	·57	·80	·75	·20
4	·40	·25	·20	·12	·07	·02	·02	·00	·00	·00	·00	·00	·00	·00	·07	·27	1·05	1·00	·70	1·10	·97	·75	·30	·32	·32
5	·35	·40	·30	·35	·20	·35	·30	·20	·05	·00	·10	·00	·00	·00	·00	·25	1·55	1·60	1·20	1·70	1·85	1·50	1·60	1·05	·63
6	·55	·30	·20	·07	·25	·27	·47	·50	·30	.20	·02	·07	·05	·07	·07	·10	0·20	0·25	0·30	0·35	0·25	0·20	0·20	0·27	·23
7	·30	·20	·12	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	25	·30	·22	·25	·30	·35	·22	·11
8	·22	·20	·17	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·10	·37	·30	·45	·47	·45	·12
9	·32	·30	·22	·20	·17	·10	·05	·05	·00	·00	·00	00	·00	·00	·00	·02	·05	·07	·17	·23	·35	·40	·25	·30	·14
10	·37	·35	·20	·15	·15	·12	·15	·07	·05	·00	·00	·00	·00	·00	·00	·10	·17	·17	·35	·55	·75	1·10	·97	·90	·28
11	·85	·75	·37	·30	·20	·17	·12	·05	·00	·00	·00	·00	·00	·00	·00	·20	·40	·70	1·05	1·15	1·30	1·47	1·20	1·02	·47
12	·40	·32	·20	·17	·12	·10	·22	·15	·05	·00	·00	·00	·00	·00	·00	·40	·65	1·10	1·45	1·50	1·60	1·60	1·20	0·42	·49
13	·42	·22	·15	·25	·35	·20	·25	·20	·07	·00	·00	·00	·00	·00	·00	·05	·20	0·30	1·15	1·20	1·25	0·87	1·25	·07	·39
14	·55	·35	·20	·17	·12	·05	·05	·02	·00	·00	·00	·00	·00	·00	·00	·07	·42	·55	0·70	1·00	1·20	1·15	1·35	1·40	·39
15	1·20	·67	·55	·27	·17	·15	·15	·10	·05	·00	·00	·00	·00	·00	·00	·10	·55	·70	1·30	1·40	1·70	1·60	1·20	0·75	·53
16	0·50	·32	·25	·25	·17	·17	·20	·15	·07	·00	·00	·00	·00	·00	·02	·22	·60	·50	1·00	1·20	1·60	1·15	1·05	·97	·44
17	·70	·35	.20	·10	·12	·17	·27	·30	·20	·02	·00	·00	·00	·00	·00	·07	·12	·40	0·75	1·00	1·02	1·30	1·35	·80	·39
18	·70	·37	·25	·20	·12	·15	·17	·07	·10	·02	·00	·00	·00	·00	·00	·00	·02	·10	·27	0·50	0·55	0·67	0·60	·30	·22
19	·20	·17	·15	·10	·10	·12	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·12	·30	·45	·70	·30	·65	·17
20	·40	·25	·17	·15	·15	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·20	·20	·15	·25	·40	·65	1·05	1·20	·22
21	1·10	·50	·27	·20	·17	·15	·15	·05	·00	·00	·00	·00	·00	·00	·07	·30	·50	·75	·40	·60	·85	·70	0·75	0·75	·35
22	0·55	·40	·30	·20	·15	·12	·10	·00	·00	·00	·00	·00	·00	·02	·07	·60	·70	·65	·55	·75	1·02	1·30	1·35	1·10	·41
23	·75	·75	·45	·40	·12	·07	·07	·02	·00	·00	·02	·05	·07	·07	·25	·70	·85	·50	·75	·80	0·75	1·20	1·05	0·55	·13
24	·65	·60	·27	·20	·17	.20	·20	·15	·12	·05	·05	·07	·07	·10	·10	·40	·50	·85	·45	·70	·70	0·80	0·65	·65	·34
25	·55	·35	·50	·35	·20	·20	·10	·02	·00	·00	·00	·05	·20	·40	·45	·30	·20	·25	1·20	1·65	1·05	1·60	2·20	1·57	·61
26	1·30	·60	·30	·20	·25	·22	·12	·12	·02	·07	·02	·05	·47	·02	·07	·60	·50	·80	1·05	1·05	0·97	1·02	0·90	0·85	·47
27	0·40	·37	·27	·20	·35	·30	·20	·15	·07	·05	·00	·00	·00	·00	·00	·00	·00	·07	0·17	0·37	·55	0·60	·75	·35	·22
28	·35	·20	·25	·15	·07	.02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·20	·35	·45	·50	·30	·27	·13
29	·17	·12	·07	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·15	·20	·25	[illegible]	·05
30	·17	·17	·15	·07	·10	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·10	·37	·47	·60	·75	·50	·90	·20
Means.	·50	·35	·23	·17	·14	·12	·11	·08	·04	·01	·00	·01	·02	·02	·04	·17	·34	·40	·56	·72	·83	·87	·85	·70	0·30

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

DIRECTION AND FORCE OF THE WIND.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	h. m. 4. 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41		
DIRECTION OF THE WIND. MAY 1851.	Parts	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	4	4	4	4	4	4	3	2	2	3	1	31	0	1	0	0	1	1	3	7	1	31	0	31	22	NNE
2	31	0	30	30	30	31	0	31	0	31	2	0	0	31	0	0	31	0	31	0	0	0	31	0	354	Nbyw
3	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	31	31	31	0	1	1	7	NbyE
4	0	0	31	30	30	30	29	23	28	28	26	24	24	23	22	21	10	19	19	19	19	18	18	18	275	W
5	16	16	16	16	16	16	17	17	17	17	17	17	16	16	18	17	17	17	16	17	18	20	23	25	196	Sbyw
6	28	30	16	13	13	16	16	21	18	17	17	19	20	23	22	22	23	21	21	15	21	14	15	15	214	swbys
7	15	15	23	24	16	16	15	16	17	19	20	20	18	19	21	24	26	26	25	25	23	20	13	13	220	SW
8	15	15	14	14	15	15	17	19	19	18	13	18	18	13	18	20	22	24	25	Board stopped		26	26	27	197	SSW
9	14	13	13	13	14	16	16	16	17	17	17	18	18	20	22	22	24	24	25	25	25	26	10	11	204	SSW
10	12	13	11	15	15	16	17	17	18	17	17	19	20	22	23	24	24	23	24	24	24	23	7	0	205	SSW
11	9	14	14	15	14	14	15	15	15	14	16	20	22	22	23	24	24	25	25	25	26	7	9	11	190	Sbyw
*12	12	13	13	13	15	16	17	17	17	17	17	19	20	21	20	22	24	24	27	31	9	10	11	12	?	?
*13	12	12	12	12	12	12	13	14	16	15	16	17	15	15	15	17	21	21	23	28	28	28	10	11	?	?
*14	12	12	12	12	12	13	13	13	16	17	17	16	16	15	15	17	18	21	29	20	20	20	0	12	?	?
15	12	12	8	10	10	11	12	13	14	15	15	16	15	16	16	15	14	14	13	11	12	11	12	12	145	SEbys
16	12	12	12	13	13	13	13	14	16	16	16	16	15	16	15	10	14	12	12	12	12	12	12	12	153	SSE
17	12	12	13	13	13	13	14	16	15	15	15	15	15	16	15	15	13	15	13	13	13	13	13	13	156	SSE
*18	Board stopped		10	10	10	11	12	13	14	15	13	13	12	12	14	14	16	13	12	10	10	10	10	10	?	?
19	10	10	10	10	10	11	12	12	12	13	13	12	12	12	12	12	12	12	11	11	10	10	9	10	126	SEbyE
20	9	9	8	9	9	10	11	12	13	16	14	14	14	13	14	13	13	13	13	8	9	9	9	10	127	SEbyE
21	11	10	10	11	11	11	12	12	12	12	13	13	13	13	13	13	13	13	13	10	10	10	10	10	130	SE
22	11	11	11	11	11	11	12	12	13	14	14	13	13	13	13	13	13	13	17	16	16	11	12	12	143	SEbys
23	12	11	11	12	12	13	13	13	13	14	15	15	15	16	15	16	18	15	5	5	12	8	12	9	141	SEbys
24	8	11	13	13	15	12	12	12	14	12	14	18	19	14	16	12	10	2	20	22	25	0	3	4	?	?
25	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12	13	14	14	14	14	148	SEbys
26	15	15	15	15	15	15	15	15	14	14	15	15	15	9	9	10	9	9	9	6	0	6	6	6	130	SE
27	7	7	7	7	7	7	7	9	10	10	10	10	10	10	11	12	13	14	14	13	13	15	8	5	111	ESE
*28	6	7	7	8	7	8	8	8	10	10	10	10	11	12	13	15	17	20	23	30	30	31	1	1	?	?
29	4	6	7	8	9	8	8	8	8	9	9	10	10	11	12	14	16	16	16	16	16	18	14	16	126	SEbys
30	6	7	8	8	8	9	11	12	13	12	12	13	12	12	13	15	15	16	17	17	18	18	18	2	137	SE
31	5	6	7	8	11	12	12	12	13	13	13	13	13	14	18	20	20	20	20	20	20	4	4	5	142	SEbys
Hourly Means.	114° ESE	118° ESE	113° ESE	117° ESE	115° ESE	120° SEbyE	125° SEbyE	131° SE	134° SE	137° SE	138° SE	140° SE	139° SE	142° SEbys	146° SEbys	153° SSE	155° SSE	154° SSE	150° SEbys	133° SE	137° SE	126° SEbyE	109° ESE	105° Ebys	131°	SE
No. of Observations with the wind in each quarter: NW	2	1	2	3	2	2	1	2	1	2	1	2	1	1	0	3	6	5	8	8	7	5	2	3	70	Obs. N W
SW	1	1	3	1	2	6	6	8	10	10	11	13	10	13	12	11	11	10	11	8	9	7	3	2	179	" S W
SE	19	19	20	24	23	20	20	19	17	17	16	14	17	15	16	14	12	12	10	10	11	13	18	18	394	" S E
NE	8	9	6	3	4	3	4	2	3	2	3	2	3	2	3	3	2	4	2	4	3	6	8	8	97	" N E

* The Observations of the 12th, 13th, 14th, 18th & 28th are rejected from the hourly and daily Means.

FORCE OF THE WIND. MAY 1851.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·37	0·30	0·30	0·20	0·20	0·17	0·15	0·05	0·07	0·12	0.12	0·10	0·15	0·17	0.20	0·37	0·30	0·45	0·60	0·40	2·05	0·20	0·25	0·25	0·31
2	3·50	·35	·30	·20	·25	·20	·15	·10	·10	·15	3·70	5·00	1·70	·65	2.70	2·75	1·50	3.20	·50	1·50	3·20	3·70	2·70	4·00	1·75
3	5.05	4·70	3·20	4·20	5·00	3·80	3·50	6·00	3·70	3.50	3·60	2·80	3·00	3·40	3.70	3·50	2·00	1·00	5·40	4·20	5·10	5·00	4·50	3·50	3·81
4	2·70	3·00	1·50	3·00	3·40	3·50	4·00	5·20	5·10	4·50	4·80	7·00	9·50	17·30	16·50	14·00	11·00	9·00	9·20	6·50	5·00	8·70	3·50	2·80	6.50
5	2·70	2·40	2·00	1·50	1·00	1·20	1·50	1·00	0·85	0·80	0.70	0.70	0·60	0·50	0·60	0·50	0·70	0·80	1·00	0·80	0·70	0·80	0·50	0·30	1·01
6	0·10	0·00	0·00	0·05	0·00	0·05	0·00	0·00	·00	·00	·00	·05	·00	·00	·00	·05	·07	·07	0·12	·10	·15	·20	·30	·37	0·07
7	·20	·15	·15	·03	·00	·00	·00	·02	·05	·00	·00	.00	·00	·00	·00	·05	·15	·20	·25	·30	·25	·15	·20	·20	·10
8	·20	·10	·02	·00	·00	·02	·05	·00	·02	·10	·12	·07	·12	·15	·12	·15	·17	·25	·20	Board stopped		·25	·20	·15	·10
9	·15	·07	·02	·02	·00	·05	·02	·10	·10	·15	·17	·12	·20	·02	·07	·15	·30	·35	·40	·45	·25	·20	.07	·05	·14
10	·05	·07	·02	·00	·05	·05	·07	·12	·15	·07	·07	·05	·05	·12	·15	·30	·25	·20	·25	·20	·25	·20	·15	·10	·12
11	·02	·07	·05	·02	·02	·07	·02	·00	00	·00	·60	·02	·07	·12	·15	·15	·20	·22	·15	·17	·07	·12	·15	·07	·08
12	·07	·07	·02	·00	·02	·02	·07	·10	·10	·07	·12	·07	·07	·02	·05	·07	·12	·10	·02	·02	·07	·07	·10	·07	·06
13	·15	·07	·05	·02	·00	.00	·00	·00	·00	·00	·00	00	·00	·00	·00	·02	·02	·02	·05	·07	·05	·05	·05	·05	·03
14	·07	·05	·02	·02	·00	·02	·00	·00	·00	·02	·05	·07	.15	·12	·15	·20	·12	·15	·17	·20	·20	·07	·02	·07	·08
15	·05	·05	.00	·00	·00	·02	·02	·02	·05	·10	·07	·02	·05	·00	·02	·10	·15	·15	·10	·15	·15	·10	·17	·15	·07
16	·15	.10	·12	·10	·07	·12	·15	·17	·15	·15	·17	·12	·10	·07	·10	·17	·07	·07	·15	·12	·25	·17	·15	·12	·13
17	·15	·12	·12	·10	·07	·07	·07	·10	·15	·25	·20	·20	·07	·05	·10	·12	·07	·12	·15	·20	·20	·25	·25	·20	·14
18	Board stopped		·07	·07	·10	·15	·20	·25	·25	·15	·02	·02	·07	·10	·15	·17	·15	.30	·15	·17	·25	·37	·65	·55	·18
19	·55	·45	·35	·25	·50	·40	·27	·15	·15	·10	·10	02	·05	·02	·07	·20	·32	·20	·25	·17	·20	·25	·30	·32	·23
20	·35	·32	·27	·25	·20	·15	·07	·07	·05	·00	·02	·02	·00	·02	·02	·10	·15	·12	·07	.32	·35	·42	·30	·25	·16
21	·25	·17	·15	·15	·07	·10	·10	·15	·32	·37	·12	·20	·12	·07	·15	·45	·35	·25	·20	·22	·22	·25	·20	·22	·20
22	·20	·22	·32	·35	·65	1·10	1·00	1·05	·37	·37	·15	·15	·20	·15	·37	·25	·25	·40	·35	·25	·20	·27	·30	·17	·40
23	·02	·05	·10	·15	·50	0·52	0·40	0·30	·20	·25	·20	·20	·15	·12	·25	·25	·25	·20	1·50	·35	·00	·00	·10	·15	·20
24	·00	·07	·07	·02	·05	·32	·50	·42	·15	·10	·20	·35	·17	·00	·02	·02	·02	·10	0·17	·02	·02	·02	·05	·05	·12
25	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·20	·50	·35	·25	·40	·08
26	·80	·45	·30	·25	·20	·25	·20	·20	·10	·05	·25	·00	·00	·00	·00	·02	·10	·20	·25	.35	·45	·70	·85	·70	.26
27	·70	·42	·25	·27	·30	·35	·42	·45	·30	·27	·25	·20	·47	·30	·30	·27	·25	·20	·10	·15	·17	·20	·12	·15	·20
28	·27	.30	·20	·27	·25	·32	·20	·20	·27	·25	·25	·25	·20	·12	·15	·27	·25	·15	·17	·07	·10	·07	·05	·05	·19
29	·05	·05	·07	·02	·00	·02	·07	·12	·15	·10	·12	·07	·02	·02	·00	·05	·20	·25	·25	·27	·20	·20	·20	·17	·11
30	·15	·32	·20	·15	·17	·25	·32	·25	·12	·17	·12	·05	·10	·15	·20	·45	·40	·50	·37	·30	·25	·20	·15	·05	·22
31	·07	·05	·02	·02	·10	·15	·12	·25	·20	·02	·05	·02	·02	·05	·10	·25	·35	·50	·32	·30	·25	·12	·15	·15	·15
Means.	·64	·48	·33	·38	·42	·43	·44	·54	·44	·39	·51	·58	·56	·77	.85	·82	·65	·64	·68	·62	·70	·60	·55	·54	0·56

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

DIRECTION AND FORCE OF THE WIND.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction.
Madras Mean Time.	P. M. h. m. 4. 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41		
DIRECTION OF THE WIND. JUNE 1851.	parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	9	10	10	12	12	13	13	13	13	14	15	16	17	20	20	20	20	21	21	21	31	21	23	23	187	sbyw
*2	25	25	25	31	0	0	11	13	15	15	15	15	15	16	17	19	29	21	22	23	24	7	8	8	?	?
3	6	13	14	15	17	17	17	17	17	18	19	20	20	23	25	26	25	25	25	24	23	23	22	22	222	sw
4	20	13	15	16	16	17	18	18	19	10	19	18	20	29	18	20	21	23	24	23	23	23	24	24	221	sw
5	1	27	26	23	24	22	22	22	23	23	22	22	21	21	21	22	22	23	24	23	23	24	24	25	249	wsw
6	25	24	22	22	22	23	23	22	22	23	23	23	23	22	22	22	22	23	23	23	23	23	23	25	257	wbys
7	25	22	21	4	7	6	22	24	23	24	24	23	23	24	23	21	21	22	22	22	22	22	22	22	230	sw
8	20	20	20	19	20	21	21	21	23	22	23	24	24	24	22	21	21	31	21	21	21	21	22	22	241	swbyw
9	21	20	15	11	20	24	23	23	23	23	23	23	23	23	20	21	21	22	24	22	22	23	23	23	242	wsw
10	21	24	23	23	24	23	23	24	23	22	22	20	20	18	18	18	19	21	21	23	22	22	22	22	243	wsw
11	24	20	23	23	21	23	22	23	22	21	21	20	20	20	20	20	21	21	21	21	21	21	31	23	240	swbyw
12	16	12	13	14	15	14	13	13	14	17	19	18	21	21	23	23	23	22	23	23	23	22	22	22	209	swbys
13	21	21	21	15	14	14	14	17	17	19	20	23	23	21	22	21	23	23	23	23	23	23	16	12	220	sw
14	13	13	13	13	13	17	17	16	16	16	16	17	17	17	17	21	23	23	23	23	21	21	12	12	192	sbyw
15	13	13	13	13	14	13	15	16	17	17	17	16	16	17	16	17	20	21	22	13	12	12	12	12	172	sbyE
16	12	13	13	13	13	14	25	15	18	13	21	21	21	21	21	19	20	21	23	22	20	12	12	13	197	ssw
17	13	13	13	13	14	27	23	26	21	20	18	21	21	20	21	22	23	23	23	23	23	23	21	21	230	sw
18	13	13	15	15	15	16	16	18	21	22	22	22	22	24	22	24	22	23	24	24	23	23	23	27	229	sw
*19	12	12	13	14	15	15	17	17	17	18	21	23	24	22	23	24	25	25	25	27	28	28	6	7	?	?
*20	11	12	13	13	14	14	15	15	17	13	19	21	21	21	24	24	25	26	27	38	28	26	29	29	?	?
21	10	13	12	12	13	14	17	18	21	17	19	27	22	26	27	24	25	22	21	21	23	22	33	21	220	sw
22	20	19	20	18	20	21	21	20	21	27	27	27	27	24	18	18	18	20	20	21	21	21	20	19	238	swbyw
23	14	14	15	15	15	15	16	17	17	18	19	19	19	19	20	21	21	20	21	22	15	13	13	13	193	sbyw
24	14	14	14	14	14	15	16	16	17	17	18	17	18	21	22	22	23	23	23	23	22	22	21	12	205	ssw
25	14	14	15	15	15	15	16	16	17	17	17	18	19	19	19	21	23	23	24	35	22	24	16	12	204	ssw
*26	13	11	12	13	14	15	17	15	16	16	16	17	17	17	18	21	23	25	24	25	25	6	9	9	?	?
27	10	12	12	12	13	15	16	16	18	17	20	19	19	19	18	20	22	25	25	26	23	24	25	12	205	ssw
28	12	12	12	13	13	13	14	15	18	22	22	26	26	26	26	30	27	26	26	23	16	13	12	14	214	swbys
29	14	15	17	17	17	19	20	21	21	23	22	22	22	22	22	22	22	37	28	15	15	17	16	16	221	sw
30	11	11	11	16	12	13	15	15	14	14	16	17	17	17	21	21	22	21	21	12	12	12	12	12	171	sbyE
31																										
Hourly Means.	170° sbyE	180° s	181° s	171° sbyE	179° s	193° sbyw	200° swbys	208° ssw	215° swbys	221° sw	227° sw	233° swbw	234° swbw	238° swbw	235° swbw	241° swbw	247° wsw	253° wsw	258° wbys	243° wsw	231° swbw	228° sw	217° swbys	208° ssw	217°	swbys
No. of Observations with the wind in each quarter. NW	4	4	2	1	2	2	2	2	0	2	2	4	4	6	4	6	5	7	12	7	4	5	4	5	96	Obs. of NW
SW	7	6	8	9	8	11	20	20	26	25	26	25	25	24	26	24	25	23	18	20	22	18	17	12	445	„ SW
SE	17	20	20	19	18	15	8	8	4	3	2	1	1	0	0	0	0	0	0	3	4	5	8	12	168	„ SE
NE	2	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	11	„ NE

* The Observations of the 2d, 19th, 20th, and 26th, are rejected from the hourly and daily Means.

FORCE OF THE WIND. JUNE 1851.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·15	0·02	0·05	0·10	0·12	0·15	0·20	0·25	0.17	0·25	0·27	0·25	0·15	0·25	0·25	0·20	0·35	0·95	1·20	0·70	0·82	0·32	0·25	0·20	0·30
2	·15	·10	·02	·00	·00	·00	·00	·00	·00	·05	·05	·07	·05	·05	·12	·25	·27	·35	0 35	·32	·20	·02	·00	·00	·10
3	·02	·05	·10	·12	·25	·20	·30	·25	·20	·20	·22	·17	·10	·05	·07	·02	·00	·02	·10	·15	·25	·25	·25	·20	·15
4	·15	·12	·27	·27	·40	·37	·27	·20	·15	·17	·15	·12	·07	·05	·05	·15	·20	·45	·55	·40	·30	·25	·20	·15	·23
5	·50	·37	·25	·20	·20	·80	·47	·25	·25	·32	·40	·30	·30	·32	·37	·55	·32	·80	1·25	1·05	·90	·75	·75	·40	·50
6	·27	·20	·25	·25	·25	·27	·30	·35	·40	·50	·35	·20	·30	·20	·32	·50	1·85	2·40	2·40	·30	·85	·80	·60	·50	·65
7	·25	·15	·05	·02	·05	·00	·00	·05	·15	·12	·20	·20	·15	·35	·37	·25	0·27	0·30	0·70	0·60	·75	·85	·40	·32	·27
8	·35	·27	·07	·05	·05	·07	·05	·07	·30	·32	·30	·12	·05	·05	·07	·02	·05	·07	·40	·30	·45	1·20	1·05	·55	·26
9	·12	·15	·07	.15	·00	·05	·05	·07	·00	·05	·10	·07	·02	·00	·00	·05	·15	·27	1·45	3·50	2·40	·95	2·05	1·50	·59
10	1·20	1·00	·25	·20	·20	·15	·15	·20	·12	·07	·02	·02	·02	·02	·05	·10	·15	·27	0·42	0·85	1·35	·40	1·25	0·60	·42
11	0·40	0·25	·40	.25	·15	·10	·10	·15	·20	·07	·07	·02	·02	·02	·07	·07	·25	·25	·30	·32	0·32	0·25	0·25	·20	·19
12	·20	·05	·05	·05	·02	·00	·00	·02	·00	·00	·02	·00	·05	·20	·25	·10	·30	·65	1·40	1·50	·60	·37	·30	·25	·27
13	·37	·35	·10	·20	·40	·25	·25	·07	·02	·02	·02	·10	·02	·00	·02	·02	·10	·25	0 27	0·27	·20	·20	·30	·37	·17
14	·05	·02	·05	·05	·07	.05	·00	·00	·00	·00	·00	.00	·00	·00	·00	·07	·20	·15	·27	·20	·12	·12	·10	·12	·07
15	·25	·55	·30	·27	·30	·55	·30	·12	·12	·07	·07	·02	·00	·00	·05	·07	·07	·10	·07	·15	·20	·17	·15	·15	·17
16	·35	·40	·65	·60	·60	·97	1·75	·55	·40	·02	·00	·00	·00	·00	·00	·07	·05	·05	·05	·07	·05	·07	·12	·40	·30
17	·40	·42	·25	·23	·65	1·00	0 05	·00	·00	·00	·00	·00	·00	·00	·02	·07	·35	·40	·25	·20	·25	·20	·15	·10	·21
18	·20	.25	·27	.20	·22	0·25	·20	·05	·07	·02	.05	·05	·10	·07	.07	·10	·25	·20	·35	·37	·20	·15	·17	·07	·16
19	·10	·12	·05	·05	·05	·07	·07	·10	·02	·00	·02	·07	·10	·15	·12	·12	·30	·35	·20	·20	·15	·07	·02	·02	·11
20	·05	·05	·02	·02	·02	·05	·02	·00	·00	·00	·00	·00	·00	·00	·02	·07	·20	·07	·10	·07	·07	·02	·05	·02	·04
21	·02	·05	·00	·05	·07	·05	·50	·70	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·12	.20	·10	·05	·09
22	·07	·02	·00	·00	·02	·25	·20	·05	·05	·00	·00	·00	·00	·00	·00	·07	·12	·12	·55	·45	·70	·35	·25	·20	·14
23	·20	·20	·20	·22	·27	·40	·65	·40	·37	·07	·00	·00	·00	·02	·02	·02	·02	·05	·07	.10	·07	·07	·25	·42	·17
24	·50	·30	·45	·42	·70	1·05	1·05	·80	·27	·10	·05	·00	·00	·02	·05	.25	·60	·50	·27	·20	·20	·17	·12	·12	·34
25	·30	·25	·20	·25	·10	0·07	0·20	·10	·10	·20	·12	·15	·15	·15	·05	·12	·25	·20	·12	·10	·10	·10	·07	·12	·15
26	·25	·07	·05	·07	·20	·32	·20	·30	·20	·05	·07	·10	.05	·00	·00	·07	·15	·15	·20	·15	·15	·10	·10	·12	·13
27	·07	·10	·05	·02	·02	·07	·07	·10	·07	·00	·02	·00	·00	·00	·00	·05	·10	·12	·10	·07	·02	·02	·02	·05	·05
28	·10	·10	·07	·02	·02	·02	·02	·02	·07	·02	·35	·05	·02	·00	·00	·02	·02	·02	·05	·02	·05	·07	·12	·07	·05
29	·20	·20	·15	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·05	·02	·02	·05	·07	·10	·20	·20	·06
30	·20	·07	·05	.02	·00	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·05	·02	·05	·07	·12	·22	·25	·05
Means....	·25	·21	·16	·15	·18	·25	·25	·17	·13	·09	·10	·07	·06	·07	·08	·12	·23	·32	·45	·46	·38	·36	·33	·20	0·21

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

DIRECTION AND FORCE OF THE WIND.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction.
Madras Mean Time.	P. M. h. m. 4 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41		
DIRECTION OF THE WIND. JULY 1851.	parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
*1	10	10	11	12	12	12	12	13	13	13	13	13	13	13	16	31	21	24	27	8	8	8	9	9	?	?
2	9	9	10	10	11	11	12	12	12	13	14	14	14	14	14	20	18	16	13	13	12	11	10	10	142	SE by S
3	11	11	12	13	13	15	14	14	15	15	16	16	17	17	18	13	21	24	24	26	16	11	10	9	176	S
4	15	14	5	5	19	28	21	23	25	23	21	20	20	21	20	16	20	21	22	24	21	20	20	20	217	swbys
5	1	5	31	31	31	21	21	21	21	20	20	21	23	23	21	21	21	27	27	26	31	31	14	14	275	w
6	11	11	12	12	14	15	15	21	22	24	23	24	25	23	22	22	22	22	23	20	19	20	15	17	214	swbys
7	17	12	14	20	20	20	18	18	22	23	24	23	23	22	23	23	23	24	24	25	26	28	31	4	262	wsw
8	0	3	15	15	15	15	15	16	20	20	22	23	23	23	24	23	24	25	26	26	26	27	27	28	255	wbys
9	7	9	9	11	11	12	12	12	20	21	21	20	21	23	23	23	24	24	24	24	24	23	24	24	209	swbys
10	25	25	13	13	16	16	16	17	17	17	20	21	21	21	21	22	23	23	21	21	21	13	13	13	210	swbys
11	13	14	14	15	15	16	25	14	24	18	22	23	22	20	21	23	21	19	21	21	22	22	21	13	215	swbys
12	14	14	14	18	20	20	25	20	21	21	23	23	23	23	23	20	21	22	23	23	23	22	21	16	231	swbyw
13	14	17	18	19	17	17	17	20	21	22	24	23	23	23	22	22	22	23	22	22	23	23	22	22	232	swbyw
14	19	18	19	21	21	19	20	20	20	22	21	20	20	20	20	20	21	21	22	23	23	23	23	23	234	swbyw
15	20	17	20	20	22	22	23	20	20	20	20	20	20	20	20	20	21	22	22	23	23	23	22	22	235	swbyw
16	22	22	22	23	25	25	24	24	22	22	21	21	21	21	21	22	22	22	23	23	24	23	23	23	254	wbys
17	20	18	25	11	17	20	21	22	21	20	21	21	21	19	21	21	31	21	21	21	21	21	21	21	228	sw
18	20	28	29	29	27	23	23	20	20	20	21	22	20	20	19	17	18	20	21	22	23	23	22	22	248	wsw
19	22	22	22	21	20	18	21	21	21	21	21	22	22	22	22	22	21	22	21	21	21	21	21	21	230	swbyw
*20	12	13	13	0	2	2	6	28	30	27	31	0	30	30	15	13	24	20	18	20	20	20	20	19	?	?
*21	14	13	13	12	13	14	14	14	17	19	19	18	20	21	22	23	23	23	24	23	23	23	7	7	?	?
22	10	12	13	14	14	15	18	17	17	20	21	23	23	23	25	24	23	23	22	23	23	24	23	22	221	sw
23	19	18	18	17	17	16	20	22	23	24	24	22	22	22	22	22	23	23	24	21	24	24	24	24	241	swbyw
*24	28	6	13	14	14	17	18	17	20	20	20	21	22	22	22	23	24	25	25	25	23	23	25	25	?	?
*25	24	4	11	16	16	17	18	21	22	22	22	23	23	23	23	23	25	24	23	24	23	24	24	22	?	?
26	13	13	13	14	14	22	18	18	18	19	18	20	19	20	20	20	21	21	22	22	22	22	23	22	212	swbys
27	21	22	15	15	24	18	18	18	18	20	20	20	21	21	20	20	21	21	21	22	22	22	22	22	227	sw
28	22	22	20	15	30	12	12	19	18	19	19	20	23	23	22	22	22	23	24	25	26	23	22	22	237	swbyw
*29	20	4	12	19	19	19	Board stopped.				—	—	—	—	25	25	25	35	25	26	28	23	23	23	?	?
30	20	18	18	21	21	21	22	21	20	20	20	20	20	21	21	21	20	20	20	21	21	21	21	21	230	sw
31	20	20	20	20	20	21	24	22	22	22	22	22	21	21	21	21	21	21	21	21	21	21	22	22	239	swbyw
Hourly Means.	° 202 ssw	° 206 ssw	° 189 sbyw	° 190 sbyw	° 213 swbs	° 206 ssw	° 214 swbs	° 212 swbs	° 225 sw	° 227 sw	° 242 wsw	° 236 swbw	° 237 swbw	° 236 swbw	° 236 swbw	° 236 swbw	° 241 swbw	° 247 wsw	° 249 wsw	° 251 wsw	° 251 wsw	° 244 wsw	° 233 swbw	° 229 sw	° 227	sw
No. of Observations with the wind in each quarter. NW	3	2	3	2	6	2	4	2	3	3	4	1	2	1	3	2	6	9	11	10	8	8	6	4	104	Obs. of NW
SW	13	11	9	11	14	19	17	22	24	24	24	26	26	27	26	28	25	22	19	19	21	19	19	19	484	,, SW
SE	12	13	18	16	11	9	8	6	3	3	2	2	2	2	2	1	0	0	1	2	2	4	5	6	130	,, SE
NE	3	5	1	2	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2	18	,, NE

* The Observations of the 1st, 20th, 21st, 24th, 25th, and 29th, are rejected from the hourly and daily Means.

FORCE OF THE WIND. JULY 1851.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·20	0·23	0·06	0·07	0·05	0·02	0·00	0·00	0·90	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·02	0·00	0·00	0·00	0·12	0·10	0·07	0·07	0 05
2	·10	·07	·05	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·05	·05	·05	·05	·07	.15	·15	.10	·04
3	·37	·35	·15	·10	·00	·00	·00	·00	·00	·00	.02	·02	·05	·00	·02	·02	·00	·05	·05	·05	·05	·07	·07	·07	.06
4	·02	·00	·00	·00	·00	·00	·05	0·22	0·10	0·05	·00	·02	·02	·00	·02	·00	·07	·22	·20	·25	·17	.15	·10	·10	·07
5	1·05	·15	·00	·00	·00	·00	.00	·00	·00	·00	·07	·05	·02	·00	·00	·00	·00	·05	·07	·02	.00	·00	·00	·00	·05
6	·00	·02	·02	·02	·00	·00	·00	·00	·00	·05	·02	·02	·07	·02	·02	·05	·02	·00	·00	·02	.02	·00	.00	·02	·02
7	·00	·00	·05	·00	·00	·00	·00	·00	·00	·05	·07	·05	·07	·02	·02	·05	·12	·15	·05	·07	·05	·05	·07	·02	·04
8	0·02	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·05	·02	·07	·02	·02	.05	·12	·20	·15	·12	·10	·07	·07	·05
9	·02	·02	·00	·00	·00	·00	·00	.02	·20	·02	·05	.15	·20	·10	·02	·02	·05	·07	·15	·12	·12	·15	·10	·07	·07
10	·07	·00	·00	·00	·00	·00	·00	·02	·02	·00	·00	·00	·00	·00	·00	·07	·15	·25	·20	·15	·15	·10	·25	·27	·07
11	·27	·20	·50	·52	·55	·30	1·60	·05	·02	·02	·15	·07	·05	·02	·00	·00	·02	·05	·05	·07	·10	·15	·15	·02	·21
12	·10	·05	·05	·15	·10	·40	0.42	·02	·02	·00	·00	·00	·00	·00	·00	·00	·02	·05	·10	·10	·07	·05	·00	·02	·07
13	·05	·07	·07	·05	·00	·00	.65	1·20	.75	·37	·05	·00	·00	·00	.00	·00	·00	·05	·12	·15	·05	·12	·12	·02	·16
14	·05	·10	·20	·50	·05	·10	·30	0·40	·07	·02	·02	·00	·00	·00	·00	·02	·07	·10	·07	·07	·12	·15	·12	·15	·11
15	·05	·02	·45	·30	·20	.15	·07	·07	·02	·02	·05	·05	·05	·02	·02	·05	·15	·37	·57	·65	·27	·15	·07	·20	·17
16	·07	·05	·00	·02	·02	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·02	·05	·15	·20	·35	1·25	·60	·25	.10	·13
17	·00	·02	·05	·00	.00	·05	·05	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·05	·07	·30	0·42	·20	·20	·30	·07
18	·17	1·50	·02	·00	·00	·00	·00	·07	·05	·02	·02	·00	·00	·00	·00	·00	·00	·02	·07	·10	32	·30	·25	·22	·13
19	·15	0·07	·05	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.02	.17	·35	·25	·27	·20	·15	·02	·07
20	·12	·12	·10	·05	·00	·02	·00	·05	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·02	·02	·00	·03
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	.07	·05	·02	·00	·05	·07	·10	·10	·07	·02	·00	.00	·00	·03
22	·02	·00	·02	·00	.00	·00	·02	·02	·05	2·15	2·30	1·90	·40	·05	·02	·00	·05	·07	.07	·07	·07	·02	·05	·05	·31
23	.02	·00	·00	·00	·00	·00	·30	·50	·20	0·15	0·10	0·02	·02	·07	·05	·05	·05	·07	·05	·10	·60	·35	·15	·07	·12
24	·02	·00	·00	·00	·02	·00	·00	·00	·02	·02	·00	·02	·05	·02	·05	·15	·37	·30	·22	·20	·15	·15	·17	·15	·09
25	·15	·22	·07	·02	·00	·05	.05	·07	·00	·00	·00	·02	·02	.02	·02	.05	·25	·30	·20	·20	·20	·15	·07	·02	·09
26	·05	·07	·02	·02	·10	·55	·02	·10	·12	.12	·15	·02	·02	.00	·00	·05	.07	·07	·10	·12	·10	·15	·12	·10	·09
27	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·10	·00	·05	.07	·22	·25	·50	·40	·20	·25	·20	·10
28	·12	·12	·02	·00	·30	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.05	·07	·15	·30	·20	·27	·20	·20	·08
29	·10	·02	·00	·20	·00	·00	Board stopped.			—	—	—	—	—	·10	·10	.20	·35	·22	·22	·20	·15	·10	·02	·09
30	·05	·07	·05	†4·50	·85	·10	·15	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·12	·10	·20	·25	·20	·10	.07	·29
31	·00	·00	·00	·00	1·40	·20	·02	·02	.00	·00	·00	·00	.02	·05	·10	·15	·20	·65	1 50	1·15	·75	·35	·32	·15	·29
Means......	·11	·11	·06	·21	·12	·06	·13	·09	·05	·10	·10	·09	·04	·02	·02	·04	·07	·14	·18	·20	·22	·15	·12	·09	0.10

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the intertia of the Instrument.

† Squall.

DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. AUGUST 1851.

Gottingen Mean Time	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction.
Madras Mean Time.	P.M. h. m. 4 41	h. m. 5 41	h. m. 6 41	h. m. 7 41	h. m. 8 41	h. m. 9 41	h. m. 10 41	h. m. 11 41	h. m. 12 41	h. m. 13 41	h. m. 14 41	h. m. 15 41	h. m. 16 41	h. m. 17 41	h. m. 18 41	h. m. 19 41	h. m. 20 41	h. m. 21 41	h. m. 22 41	h. m. 23 41	h. m. 0 41	h. m. 1 41	h. m. 2 41	h. m. 3 41		
	parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	23	20	20	18	20	21	23	23	22	21	21	21	21	21	21	21	21	21	20	20	20	20	20	24	235	swbyw
2	18	24	13	13	20	26	21	21	23	22	22	22	21	21	21	20	21	21	21	21	21	24	24	27	243	wsw
3	24	19	12	12	15	10	20	10	12	20	21	22	12	20	18	19	20	21	21	21	21	21	21	21	216	swbys
4	23	20	16	13	13	17	23	28	20	16	15	15	17	16	17	20	21	21	21	21	22	21	22	20	213	swbys
5	10	12	12	13	14	16	16	17	17	17	17	17	10	21	22	22	22	23	21	20	20	20	20	20	200	ssw
*6	20	23	12	13	14	15	15	15	15	17	16	19	20	21	21	23	22	24	23	23	23	24	8	7	?	?
*7	10	8	9	11	12	13	13	13	14	15	25	28	26	12	12	12	12	13	13	15	10	17	20	19	?	?
8	14	18	9	9	10	10	12	15	17	17	17	17	17	17	17	17	18	20	20	21	21	7	8	9	184	sbye
9	6	0	12	12	13	20	16	16	17	26	29	29	29	24	12	11	12	12	10	16	22	18	10	20	197	ssw
*10	17	17	15	16	15	13	13	16	15	16	17	17	17	17	17	20	23	22	24	28	25	29	6	5	?	?
11	8	8	6	8	18	11	13	15	15	20	20	20	20	10	20	21	27	26	21	21	21	21	22	23	196	sbyw
*12	4	24	2	2	13	14	14	15	15	15	16	17	20	23	22	27	27	26	23	21	21	22	22	26	?	?
13	21	20	13	14	16	16	17	17	18	16	17	17	17	17	20	21	22	24	23	24	27	27	25	7	212	swbys
14	7	0	13	16	16	18	18	18	15	17	18	20	21	22	22	23	23	23	24	25	25	26	25	25	212	swbys
*15	7	10	11	13	13	13	15	18	16	18	25	28	31	7	13	18	20	23	23	24	24	6	5	9	?	?
*16	12	20	5	8	15	14	17	28	6	24	23	Board stopped			36	28	20	18	17	22	11	5	0	10	?	?
17	7	7	10	10	10	12	15	16	21	20	10	19	19	19	15	17	16	16	17	18	10	12	12	12	169	sbye
18	13	13	13	13	13	13	14	19	16	20	20	19	16	17	17	16	21	21	21	21	21	21	20	17	195	sbyw
19	5	12	13	13	20	16	17	17	18	17	20	20	20	20	21	21	23	22	23	22	21	20	17	15	202	ssw
20	13	13	20	19	20	20	20	10	28	20	20	20	20	18	16	19	20	22	23	22	22	21	21	21	220	sw
21	28	13	17	19	20	10	20	21	21	20	20	20	21	21	21	21	21	23	23	23	23	23	24	25	233	swbyw
22	24	18	12	21	16	15	16	16	15	15	12	20	20	20	21	21	22	22	22	22	21	16	18	19	211	swbys
23	12	21	26	28	28	21	21	22	20	19	20	20	20	20	20	19	18	19	20	20	20	20	19	19	234	swbyw
24	12	12	16	16	16	21	10	18	17	17	17	17	16	16	10	19	20	21	21	21	21	20	17	17	208	ssw
25	14	14	14	15	23	19	22	20	18	16	18	18	20	21	10	17	20	20	20	20	20	20	20	18	210	swbys
26	16	16	12	12	13	15	12	16	15	15	15	15	15	15	10	20	20	20	20	20	21	21	21	20	190	sbyw
27	0	20	14	15	20	17	17	12	20	22	23	23	21	21	21	21	22	22	22	23	22	22	22	23	229	sw
*28	13	6	11	14	14	14	14	16	18	21	21	22	22	21	21	21	22	23	23	22	21	28	21	22	?	?
29	26	17	16	15	15	22	20	16	23	25	21	18	18	20	21	21	20	20	20	20	22	23	22	21	224	sw
30	1	20	30	20	17	20	20	17	17	17	21	17	17	18	18	20	21	22	22	22	21	21	21	21	221	sw
31	21	20	13	13	14	14	15	19	17	17	16	18	17	21	22	22	23	23	23	23	23	23	22	22	214	swbys
Hourly Means.	° 184 s	° 175 s	° 161 ssE	° 167 sbye	° 182 s	° 197 ssw	° 201 ssw	° 284 ssw	° 386 ssw	° 213 swbs	° 230 sw	° 216 swbs	° 217 swbs	° 219 swbs	° 217 swbs	° 221 sw	° 235 swbw	° 237 swbw	° 236 swbw	° 236 swbw	° 242 wsw	° 230 sw	° 226 sw	° 218 swbs	° 211	swbys
No. of Observations with the wind in each quarter: N W	4	2	1	1	1	1	0	2	0	3	4	3	2	1	1	2	2	4	2	4	4	5	4	5	60	Obs. N W
S W	13	14	7	6	0	16	17	10	23	23	25	25	26	26	26	27	28	25	26	26	26	23	21	18	494	„ S W
S E	9	13	21	23	21	14	14	10	7	5	2	2	1	2	4	2	2	3	1	1	1	1	3	5	166	„ S E
N E	5	2	2	1	0	8	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	3	2	3	21	„ N E

* The Observations of the 6th, 7th, 10th, 12th, 15th, 16th and 28th, are rejected from the hourly and daily Means.

FORCE OF THE WIND. AUGUST 1851.

Day	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·07	0·00	0·00	0·00	0·00	0·00	0·12	0·20	0·15	0·05	0·07	0·07	0·07	0·12	0·15	0·15	0·32	1·02	0·60	0·28	0·40	0·35	0·17	0·15	0·18
2	·12	·02	·00	·00	·00	·02	·00	·00	·02	·05	·12	·05	·07	·05	·02	·05	·20	0·28	·35	·42	·15	·07	·05	·02	·09
3	·00	·00	·00	·02	·05	·15	·25	·20	·10	·07	·02	·05	·05	·05	·05	·10	·35	·92	·77	·27	·30	·22	·20	·17	·18
4	·10	·07	·00	·02	·05	·30	·15	·80	·00	·08	·00	·00	·00	·00	·02	·02	·37	·47	·25	·17	·20	·15	·05	·02	·10
5	·07	·07	·10	·02	·02	·05	·00	·00	·02	·02	·00	·02	·02	·02	·05	·15	·20	·42	·60	·30	·17	·15	·17	·15	·12
6	·10	·02	·02	·02	·05	·07	·02	·02	·05	·05	·02	·02	·00	·00	·05	·22	·22	·17	·25	·20	·15	·10	·07	·07	·08
7	·15	·07	·02	·02	·00	·25	·20	·05	·40	·27	·05	·00	·05	·00	·00	·00	·00	·00	·60	·00	·05	·07	·05	·00	·87
8	·00	·00	·00	·80	·00	·00	·00	·02	·05	·10	·15	·10	·07	·00	·00	·07	·07	·12	·10	·05	·02	·02	·07	·10	·05
9	·05	·05	·02	·00	·02	·15	·05	·00	·00	·00	·00	·00	·02	·05	·00	·00	·00	·00	·02	·00	·02	·02	·02	·02	·02
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·87	·07	·00	·02	·12	·10	·15	·02	·05	·05	·05	·85	·05	·04
11	·02	·00	·00	·00	·00	·00	·00	·00	·02	·02	·00	·02	1·52	·80	·20	·05	·25	·45	·05	·10	·20	·28	·10	·02	·17
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	1·80	1·40	·20	·75	·70	·07	·15	·10	·12	·10	·35	·20	·27	·10	·30
13	·82	·00	·02	·05	·05	·10	·07	·05	·05	·27	0·12	0·05	·00	·08	·12	·12	·15	·12	·20	·15	·15	·10	·07	·07	·09
14	·02	·00	·20	·15	·00	·07	·15	·15	·20	·55	·67	·10	0·07	·10	·12	·10	·07	·10	·15	·12	·10	·02	·00	·00	·13
15	·00	·02	·02	·02	·02	·05	·15	·15	·02	·00	·00	·00	·00	·00	·00	·00	·17	·12	·10	·07	·05	·02	·02	·02	·04
16	·02	·00	·00	·02	·00	·00	·02	·25	·07	·57	·05	Board stopped			·12	·35	·10	·02	·00	·00	·02	·00	·00	·02	·07
17	·02	·85	·02	·02	·05	·12	·12	·00	·00	·00	·00	·00	·00	·00	·02	·02	·05	·05	·07	·02	·07	·07	·12	·15	·04
18	·25	·02	·20	·15	·12	·15	·12	·20	·10	·00	·00	·00	·02	·08	·02	·05	·50	·57	·60	·38	·20	·15	·05	·02	·17
19	·02	·00	·00	·20	·30	·05	·07	·05	·15	·07	·05	·07	·02	·05	·10	·22	·50	·62	·80	·20	·15	·12	·10	·02	·16
20	·05	·05	·05	·00	·05	·07	·07	·10	·12	·07	·15	·10	·18	·02	·05	·05	·15	·65	·58	·32	·25	·20	·15	·15	·14
21	·37	·00	·00	·02	·07	·60	·15	·70	·37	·40	·15	·18	·12	·10	·15	·12	·35	·50	·30	·37	·47	·15	·20	·17	·26
22	·05	·00	·07	·40	·00	·00	·00	·00	·02	·05	·02	·07	·05	·02	·02	·10	·50	·55	·37	·68	·30	·15	·10	·02	·14
23	·07	·00	·00	·00	·00	·00	·00	·00	·00	·08	·02	·00	·02	·02	·00	·00	·07	·20	·20	·35	·20	·15	·17	·15	·06
24	·05	·02	·02	·02	·18	·12	·02	·02	·87	·10	·05	·85	·07	·15	·07	·05	·25	·62	·60	·45	·32	·15	·12	[illegible]	·15
25	·15	·15	·32	·40	1·80	·00	·00	·08	·07	·10	·12	·12	·07	·00	·02	·00	·07	·12	·15	·15	·12	·12	·10	[illegible]	·18
26	·85	·85	·20	·07	0·20	·02	·00	·00	·00	·00	·00	·00	·00	·00	·05	·07	·12	·05	·85	·07	·43	·50	·20	[illegible]	·09
27	·05	·02	·05	·07	·07	·10	·00	·02	·05	·87	·12	·12	·05	·07	·00	·05	·20	·25	·20	·15	·17	·20	·10	[illegible]	·60
28	·00	·00	·00	·82	·05	·02	·20	·15	·15	·12	·22	·20	·25	·15	·12	·12	·17	·20	·27	·25	·20	·10	·07	·07	·13
29	·02	·00	·00	·00	·00	·25	·00	·07	·07	·05	·00	·00	·00	·02	·83	·05	·07	·10	·22	·27	·26	·17	·07	·12	·08
30	·12	·07	·10	·07	·05	·20	·25	·00	·00	·08	·00	·00	·00	·00	·00	·05	·25	·87	·85	·60	·37	·25	·20	·18	·18
31	·12	·02	·00	·05	·10	·25	·17	·07	·07	·00	·00	·02	·00	·05	·02	·15	·20	·20	·12	·12	·17	·27	·10	·07	·10
Means......	·87	·03	·05	·06	·10	·10	·08	·08	·06	·10	·13	·09	·13	·08	·08	·09	·20	·33	·23	·20	·19	·14	·10	·08	0·12

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. SEPTEMBER 1851.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	6	0	12	13	12	13	14	15	17	17	17	17	17	15	17	17	20	23	23	24	23	21	24	23	195	sbyw
2	24	26	26	26	12	13	14	15	17	15	16	16	20	20	22	23	24	24	23	23	24	23	23	26	232	swbyw
3	22	23	7	11	12	13	13	14	14	18	18	18	10	22	21	23	23	24	24	24	23	24	26	8	223	sw
4	6	9	11	12	12	13	13	14	15	16	16	17	10	19	22	22	23	25	24	23	23	24	7	7	?	?
5	10	12	12	13	15	15	14	14	14	22	20	13	17	17	17	17	12	20	21	22	21	20	20	12	188	sbyw
6	11	11	12	12	13	12	14	17	17	19	19	16	20	20	20	21	21	23	23	24	23	23	23	6	?	?
7	0	11	12	15	13	15	15	16	10	17	18	20	21	23	04	24	24	24	25	24	25	24	23	23	216	swbys
8*	25	25	11	12	13	13	29	21	21	21	20	19	21	00	20	20	20	21	22	23	22	22	22	22	292	wnw
9	23	26	27	27	17	16	14	14	14	18	20	20	20	20	21	01	21	22	22	23	22	21	21	21	230	sw
10	22	22	22	03	21	13	13	13	13	14	15	15	16	19	20	20	20	20	21	21	21	02	21	9	204	ssw
11	9	0	10	10	10	10	13	13	13	14	14	15	15	15	16	17	19	20	20	20	20	21	22	23	172	sbye
12	8	8	8	9	8	2	9	11	16	16	17	17	17	17	17	17	16	14	14	10	0	0	10	10	138	se
13	11	12	12	11	11	12	12	12	12	13	13	15	15	15	15	15	15	14	13	12	12	28	9	11	135	se
14	10	12	12	13	13	13	13	14	15	15	17	17	17	15	16	17	15	15	15	12	11	11	11	12	157	sse
15	12	12	12	12	12	12	13	14	14	15	16	16	16	16	16	16	19	20	20	20	10	10	10	10	162	sbe
16	12	12	12	15	14	16	01	0	11	14	14	16	18	18	21	21	10	19	20	19	19	16	16	18	180	s
17	12	12	12	14	19	13	13	12	12	15	17	20	20	10	12	20	21	21	23	28	29	7	13	12	189	sbyw
18*	11	12	13	14	16	17	14	18	20	20	18	15	12	20	22	27	28	26	26	27	26	26	28	28	233	swbyw
19	22	23	12	13	14	15	14	15	15	15	16	17	17	20	18	20	26	28	20	29	08	28	27	27	228	sw
*20	1	1	1	1	1	13	15	15	16	16	16	29	23	23	23	23	21	27	29	30	23	23	8	6	?	?
*21	7	7	0	9	9	9	9	16	17	17	18	19	19	19	19	23	25	25	27	28	0	7	7	7	?	?
*22	7	8	9	0	10	10	13	13	13	16	16	16	16	17	18	20	21	23	24	28	2	7	7	7	?	?
*23	10	10	11	13	13	13	13	15	16	16	16	15	10	21	21	15	16	0	3	1	6	7	7	6	?	?
*24	6	6	6	6	6	6	6	6	6	6	6	6	6	6	18	10	21	21	20	20	24	0	3	5	?	?
25*	4	4	5	2	2	5	5	5	4	4	1	1	25	03	02	26	22	22	22	25	23	20	21	21	330	nwbyn
26*	17	27	1	1	26	28	26	27	27	28	29	29	29	29	20	20	21	24	28	26	28	27	26	29	500	nwbyn
27*	1	0	31	31	31	31	31	26	26	26	21	21	21	20	20	20	20	19	20	19	28	7	7	7	302	nwbyw
*28	7	7	7	6	4	1	12	13	13	13	03	20	20	20	20	20	10	23	23	24	04	07	9	9	?	?
29*	10	7	28	28	5	16	20	15	0	26	04	21	20	20	24	15	16	20	20	20	22	23	08	28	275	w
30	9	10	10	10	10	10	10	12	12	13	15	20	20	17	14	17	20	21	21	00	19	12	11	11	161	wbys
31																										
Hourly Means. No. 1	° 152 sse	° 167 sbye	° 153 sse	° 163 sbye	° 121 sebs	° 146 sebs	° 151 sebs	° 143 sebs	° 155 sse	° 177 s	° 185 s	° 105 sbyw	° 200 ssw	° 207 ssw	° 206 s s w	° 215 sw bs	° 225 sw	° 231 swbs	° 232 swbw	° 232 swbw	° 224 sw	° 212 sw bs	° 203 ssw	° 2[illegible] ssw	° 169 sbyw	° 215 swbys
Hourly Means. No. 2	307 nwbw	321 nwbn	347 nbyw	351 nbyw	364 n	330 nwbn	294 wnw	289 wnw	304 nwbw	294 wnw	272 w	231 wbyn	253 wbys	248 wsw	246 swbw	240 swbw	238 swbw	251 wsw	262 wbys	266 w	279 wbyn	294 w nw	308 nwbw	21[illegible] nw	080 wnw	
No. of Observations, with the wind in each Quarter. N W	2	4	4	4	2	2	3	4	2	3	2	1	2	1	3	3	5	0	9	13	10	8	6	6	105	Obs. N W
S W	3	3	1	1	4	4	2	3	10	15	21	23	25	25	26	25	23	17	17	13	13	12	10	6	304	" S W
S E	15	16	19	20	19	21	23	20	15	10	4	4	2	2	1	2	2	3	3	3	4	4	8	10	130	" S E
N E	6	7	6	2	2	3	2	3	3	2	3	2	1	2	0	0	0	1	1	1	3	6	6	5	75	" N E

* The Observations of the 20th, 21st, 22d, 23d, 24th and 28th, are rejected from the hourly and daily Means.

FORCE OF THE WIND. SEPTEMBER 1851.

Day	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·07	0·02	0·00	0·02	0·05	0·07	0·50	0·22	0·25	0·17	0·12	0·20	0·15	0·02	0·02	0·05	0·10	0·20	0·25	0·20	0·15	0·20	0·15	0·12	0·13
2	·20	·05	·00	·00	·00	·00	·00	·20	·50	·00	·00	·00	·00	·00	·05	·10	·25	·30	·20	·22	·20	·20	·10	·05	·11
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·51	·30	·20	·25	·20	·12	·15	·05	·06
4	·02	·05	0·02	·00	·02	·00	·00	·00	·00	·05	·07	·10	·05	·02	·00	·12	·25	·20	·12	·15	·10	·07	·12	·12	·07
5	·02	·05	·02	·00	·00	·00	·00	·00	·00	·00	·07	·02	·02	·05	·02	·02	·02	·07	·12	·10	·10	·15	·07	·00	·04
6	·02	·00	·02	·02	·00	·00	·00	·00	·00	·02	·05	·07	·07	·02	·02	·02	·07	·10	·10	·12	·15	·20	·15	·07	·05
7	·05	·02	·00	·00	·00	·02	·02	·07	·12	·05	·07	·07	·00	·02	·17	·55	·60	·60	·90	·85	1·00	·70	·50	·30	·27
8	·22	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·15	·30	·25	·70	·70	1·05	0·80	·75	·75	·25	·25
9	·20	·07	·00	·00	·00	·00	·00	·00	·00	·00	·05	·02	·02	·02	·00	·07	·45	·50	·52	0·40	·30	·20	·15	·10	·13
10	·00	·00	·00	·00	·00	·00	·00	·00	·05	·07	·02	·02	·02	·02	·05	·50	·77	·40	·25	·20	·20	·12	·07	·05	·12
11	·07	·07	·05	·05	·02	·00	·02	·02	·02	·05	·10	·10	·07	·05	·02	·07	·25	·00	·12	·15	·10	·07	·02	·10	·08
12	·02	·05	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·07	·05	·07	·10	·12	·20	·25	·15	·05
13	·10	·05	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·07	·07	·20	·35	·05	·05	·07	·05
14	·02	·05	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·15	·25	·25	·10	·22	·40	·40	·25	·09
15	·22	·07	·05	·10	·05	·05	·05	·25	·40	·30	·05	·00	·00	·02	·00	·00	·05	·07	·12	·10	·05	·10	·15	·15	·10
16	·15	·10	·02	·00	·00	·25	·20	·20	·30	·02	·00	·00	·00	·00	·00	·05	·12	·15	·20	·20	·10	·05	·02	·00	·12
17	·10	·05	·02	·10	·15	·00	·00	·05	·00	·00	·00	·00	·05	·02	·00	·00	·02	·07	·05	·05	·07	·12	·30	·00	·06
18	·10	·07	·02	·05	·07	·40	·12	·00	·02	·02	·00	·00	·00	·00	·02	·20	·22	·12	·05	·10	·15	·15	·10	·05	·09
19	·00	·00	·00	·02	·05	·05	·02	·00	·00	·00	·02	·02	·00	·00	·00	·02	·05	·05	·07	·20	·15	·10	·07	·05	·05
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·12	·10	·07	·10	·05	·10	·10	·03
21	·15	·02	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·02	·17	·16	·15	·12	·05	·07	·10	·15	·10	·05
22	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·02	·05	·25	·20	·12	·07	·05	·15	·12	·07	·05
23	·05	·02	·00	·00	·00	·00	·00	·05	·02	·02	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·02	·05	·01
24	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·15	·15	·20	·10	·05	·10	·02	·02	·05	·04
25	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·10	·00	·00	·00	·00	·00	·00	·00	·00	·01
26	·02	·10	·00	·00	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·10	·10	·07	·37	·30	·05	·05	·05
27	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·07	·10	·05	·02	·05	·02	·02	·00	·02
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·02	·05	·05	·00	·05	·10	·10	·02
29	·05	·00	·00	·00	·00	·10	·25	·05	·00	·00	·00	·00	·05	·00	·02	·00	·02	·10	·15	·00	·10	·05	·00	·00	·05
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	†1·20	·30	·00	·00	·02	·02	·05	·07	·07	·02	·02	·00	·00	·07
31	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
Means.	·07	·04	·01	·02	·02	·05	·04	·05	·06	·03	·02	·06	·03	·02	·03	·10	·15	·18	·18	·18	·12	·16	·14	·09	0·08

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

† Squall.

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DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. OCTOBER 1851.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	P. M. h. m. 4. 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	P. M. h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
*1	13	12	12	12	13	13	13	13	13	14	14	4	28	22	14	17	20	21	22	22	22	23	23	9		?
2	9	10	10	12	12	12	12	12	16	15	18	19	20	20	17	22	23	23	21	21	12	9	9	11	171	sbyE
3	12	12	12	13	13	14	14	14	16	16	17	17	16	17	17	19	21	21	23	22	11	12	12	12	175	s
4	9	11	11	12	12	14	14	14	15	17	17	17	16	16	18	20	21	21	23	23	12	12	12	12	173	sbyE
5	12	12	20	14	14	15	15	15	15	18	19	18	3	29	18	15	17	16	15	15	16	14	12	12	187	sbyw
6	14	14	14	16	14	21	26	26	28	24	23	23	19	20	20	21	22	23	24	23	21	21	6	6	250	wsw
*7	10	10	11	12	15	14	14	16	17	20	21	17	16	18	20	18	17	17	19	18	26	5	7	10	?	?
8	10	10	9	12	16	16	16	20	19	18	17	15	17	16	15	16	17	16	16	15	20	21	15	15	177	s
9	13	14	14	22	22	22	16	18	18	18	24	20	17	16	17	17	17	19	18	16	17	17	15	15	201	ssw
10	15	15	15	15	15	16	1	16	16	17	19	18	17	17	17	18	20	20	22	22	21	21	21	20	201	ssw
11	17	13	15	16	16	16	15	19	19	19	20	20	20	22	26	22	22	21	21	22	22	21	20	20	217	swbys
12	20	20	18	17	17	17	17	17	19	20	20	21	21	22	23	23	23	24	25	25	24	26	23	7	247	wsw
13	9	10	10	10	10	12	21	21	20	20	19	19	20	20	21	21	22	24	24	24	24	25	24	24	213	swbys
14	22	21	20	20	14	15	15	15	16	15	20	20	16	16	17	17	17	17	19	20	21	21	21	12	200	ssw
15*	11	11	4	1	29	29	30	30	31	31	31	31	31	31	31	31	6	6	6	7	5	4	2	2	22	NNE
*16	4	4	4	4	4	3	4	6	7	7	5	28	26	26	26	18	13	10	9	11	12	9	9	8	?	?
17	12	12	12	12	12	12	12	14	15	15	22	22	22	22	22	21	20	18	18	14	14	15	17	14	182	s
18	13	13	14	16	16	16	16	16	16	17	17	18	18	18	18	18	18	18	19	18	16	13	14	14	183	s
19	13	15	16	17	17	20	21	22	22	21	21	21	20	20	18	20	20	20	20	20	20	20	20	12	214	swbys
20	13	13	17	20	21	19	20	20	20	20	20	20	20	20	20	20	20	21	21	19	18	17	18	18	213	swbys
21	18	20	17	17	17	17	17	17	20	20	20	17	17	17	20	20	18	15	15	17	15	17	17	17	198	ssw
22	18	17	14	14	16	17	17	17	20	23	24	20	17	20	21	20	18	19	18	19	17	17	16	28	210	swbys
*23	12	16	15	15	6	6	6	6	4	26	26	26	26	26	16	17	17	17	18	16	13	13	12	12	?	?
24	12	12	12	12	12	12	12	18	18	28	28	31	21	21	21	23	23	25	30	31	31	0	1	1	249	wsw
25*	4	4	4	4	4	4	4	31	31	31	31	31	24	22	23	24	24	27	28	0	4	4	4	4	354	nbyw
26*	4	3	3	3	2	2	2	2	28	28	26	29	30	30	30	31	31	1	4	4	4	3	4	2	9	nbyE
27*	4	4	4	4	4	3	3	2	1	31	30	29	29	29	31	30	30	31	31	3	4	4	2	2	12	nbyE
28*	3	3	3	4	4	2	2	2	1	31	31	30	30	31	31	31	0	0	0	1	0	1	2	2	10	nbyE
29*	2	4	3	4	3	3	2	31	0	31	31	1	1	0	31	31	0	31	0	1	2	2	2	2	13	nbyE
30*	3	3	2	2	2	31	31	31	31	31	31	31	31	31	31	31	0	2	4	3	3	3	3	3	10	nbyE
31*	3	2	1	1	0	1	1	0	2	2	2	2	0	31	0	0	0	0	1	2	1	2	1	1	11	nbyE
Hourly Means. No. 1	° 153 SSE	° 156 SSE	° 160 SSE	° 170 sbyE	° 169 sbyE	° 179 s	° 188 sbyw	° 196 sbyw	° 206 ssw	° 214 swbs	° 228 sw	° 223 sw	° 218 swbs	° 218 swbs	° 217 swbs	° 221 sw	° 234 sw	° 226 sw	° 232 swbw	° 229 sw	° 208 swbs	° 208 swbs	° 214 swbs	° 217 swbs	° 203 ssw	° 252 wsw
Hourly Means. No. 2	48 NE	48 NE	34 NEbN	32 NEbN	22 NNE	15 nbyE	15 nbyE	1 N	356 N	349 Nbyw	347 Nbyw	349 Nbyw	338 NNW	333 NNW	338 NNW	339 NNW	353 Nbyw	3 N	15 nbyE	30 NEbN	32 NEbN	32 NEbN	28 NNE	27 NNE	10 nbyE	
No. of Observations with the wind in each quarter: N W	0	0	0	0	1	2	3	5	5	10	11	9	9	9	8	7	3	6	6	3	4	2	3	2	108	Obs. N W
S W	5	5	6	9	9	11	10	13	16	15	17	18	19	21	20	22	22	13	16	16	11	11	8	4	322	" S W
S E	18	18	16	13	12	10	10	7	4	4	1	1	0	0	2	1	1	2	3	4	8	8	9	11	166	" S E
N E	8	8	9	9	9	8	8	6	6	2	2	3	3	1	1	1	5	5	6	8	8	10	11	11	148	" N E

* The Observations of the 1st, 7th, 16th, & 23rd are rejected from the Hourly and daily Means.

FORCE OF THE WIND. OCTOBER 1851.

Day	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	*3·00	0·25	0·07	0·02	0·05	0·02	0·05	0·07	0·05	0·05	0·02	0·00	0·00	0·15
2	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·15	0·00	·00	·00	·00	·02	·05	·07	·07	·07	·10	·07	·07	·12	·03
3	·15	·07	·00	·02	·02	·02	·00	·00	0·02	·00	·02	·00	·00	·00	·00	·02	·05	·07	·10	·05	·05	·10	·12	·10	·04
4	·20	·10	·02	·02	·02	·00	·00	·00	·00	·02	·10	·05	·00	·00	·02	·05	·07	·12	·15	·07	·05	·15	·30	·27	·07
5	·15	·02	·00	·00	·00	·00	·02	·02	·02	·60	·20	·07	1·10	·00	·02	·00	·05	·02	·02	·05	·05	·05	·25	·47	·13
6	·40	·10	·05	·05	·02	·07	1·20	·70	·10	·00	·07	·02	0·02	·00	·00	·00	·02	·02	·05	·05	·02	·00	·02	·00	·12
7	·00	·00	·00	·00	·50	·20	0·27	·05	*2·10	·20	·07	·00	·00	·07	·10	·12	·15	·15	·07	·05	·00	·00	·00	·00	·17
8	·00	·00	·00	·00	·00	·00	·00	1·50	0·10	·02	·05	·02	·02	·02	·00	·00	·02	·05	·10	·20	·15	·10	·02	·05	·10
9	·17	·30	·02	·00	·00	·00	·00	0·02	·10	·12	1·00	·00	·00	·02	·02	·02	·05	·07	·07	·10	·25	·15	·07	·12	·11
10	·10	·02	·12	·27	·12	·17	·20	·07	·05	·17	0·15	·10	·12	·05	·07	·05	·20	·15	·25	·30	·20	·15	·07	·02	·13
11	·00	·02	·10	·05	·00	·02	·02	·07	·02	·02	·07	·05	·07	·02	·00	·00	·05	·07	·15	·12	·10	·15	·05	·02	·05
12	·00	·00	·00	·00	·00	·00	·02	·05	·27	·20	·12	·10	·07	·12	·15	·15	·35	·70	·83	·60	·25	·15	·10	·02	·18
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·07	·07	·10	·10	·20	·42	·50	·70	·20	·20	·35	·30	·20	·14
14	·07	·00	·00	·00	·00	·00	·00	·02	·07	·05	·07	·05	·02	·02	·07	·05	·02	·02	·02	·02	·05	·12	·15	·05	·04
15	·02	·00	·02	·00	·02	·20	·20	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·05	·07	·10	·12	·12	·04
16	·05	·05	·05	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·02	·02	·05	·05	·07	·07	·02	·02
17	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·12	·05	·05	·15	·10	·02	·12	·02	·03
18	·05	·02	·00	·00	·00	·00	·00	·00	·00	·02	·05	·02	·05	·00	·00	·07	·27	·20	·15	·10	·05	·15	·07	·02	·05
19	·05	·02	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·02	·10	·17	·20	·20	·15	·12	·05	·05	·02	·05
20	·02	·00	·02	·02	·00	·00	·00	·00	·00	·00	·07	·15	·10	·02	·10	·15	·07	·07	·05	·05	·02	·05	·02	·02	·04
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·05	·07	·07	·02	·02	·02	·02	·01
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·02	·05	·15	·20	·15	·10	·07	·07	·10	·04
23	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·07	·10	·05	·00	·02	·02	·02	·02	·02
24	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·02	·02	·02	·07	·10	·02	·02	·00	·02
25	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·02	·02	·05	·12	·15	·15	·02
26	·12	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·27	·32	·40	·50	·50	·40	·11
27	·30	·15	·12	·12	·05	·02	·00	·05	·00	·00	·00	·00	·00	·00	·02	·00	·02	·07	·10	·25	·22	·25	·20	·45	·10
28	·47	·25	·15	·17	·07	·02	·00	·00	·00	·00	·00	·00	·02	·00	·00	·67	·15	·27	·32	·37	·42	·90	1·35	1·30	·26
29	·60	·40	·27	·15	·02	·00	·05	·00	·00	·00	·00	·05	·12	·02	·07	·15	·65	·85	·80	·97	1·05	1·20	0·80	0·75	·37
30	·27	·20	·10	·05	·00	·00	·00	·00	·02	·05	·05	·07	·00	·00	·05	·10	·25	·40	1·75	1·50	0·60	0·40	1·00	·55	·39
31	·35	·20	·12	·10	·05	·20	·25	·02	·05	·05	·10	·25	·05	·05	·22	·20	·35	·55	0·60	0·40	·60	·50	0·60	·50	·43
Means....	0·12	·07	·04	·03	·03	·03	·07	·08	·10	·05	·08	·13	·07	·02	·03	·06	·12	·17	·24	·25	·24	·26	·25	·14	0·11

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* 2 10 Squall.

DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND, NOVEMBER 1851.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	P. M. h. m. 4. 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	P. M. h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	2	2	3	3	2	2	2	2	2	1	1	2	2	29	31	31	31	0	31	31	61	31	31	31	7	nbye
2	1	1	31	31	30	30	30	29	30	0	0	30	30	30	30	9	29	29	29	29	30	30	30	30	340	nnw
3	30	30	30	1	1	29	31	29	0	31	2	2	2	2	1	0	1	1	1	0	1	4	4	4	6	nbye
4	3	2	8	3	4	4	4	4	4	4	4	3	3	5	4	4	10	8	8	8	7	7	5	6	55	nebye
5	7	7	7	7	6	5	5	5	5	5	4	4	4	3	3	3	30	31	31	31	31	31	31	31	34	nebyn
6*	29	23	23	28	23	26	27	26	24	22	21	23	22	20	19	0	21	21	21	20	20	19	19	19	259	wbys
7*	21	20	19	12	18	18	18	18	19	17	17	17	18	18	17	17	18	19	20	20	20	20	13	13	203	ssw
8*	13	13	13	13	12	12	12	12	13	12	23	26	26	26	26	5	15	12	12	13	13	12	11	11	180	s
9	12	10	7	8	10	11	10	10	10	2	9	11	11	11	11	11	11	31	31	30	29	29	29	29	73	ene
10	5	4	4	5	5	8	5	7	7	5	5	1	1	4	12	6	6	5	5	5	4	4	4	4	57	nebye
11	4	4	4	4	4	4	4	4	4	4	4	4	3	2	3	4	4	4	4	4	3	3	3	3	41	ne
12	4	4	4	4	4	4	4	4	4	4	4	3	1	1	1	4	4	4	4	4	4	4	4	4	40	ne
13	3	3	3	4	4	4	2	3	0	29	30	0	31	31	1	2	2	1	31	1	1	1	2	2	15	nbye
14	1	1	2	3	3	3	1	0	1	3	3	2	1	2	2	2	2	2	2	2	1	3	8	3	22	nne
15	4	4	5	5	7	9	2	8	8	9	9	2	7	10	12	16	13	13	12	15	13	11	11	12	107	ese
16*	15	14	10	9	12	15	15	15	13	13	13	17	16	14	13	13	12	11	10	11	11	12	12	12	144	sebys
17*	12	11	12	12	12	10	10	2	12	15	20	19	19	12	13	11	12	13	13	13	10	11	12	12	146	sebys
18	9	8	8	8	8	8	9	9	9	9	2	9	7	7	7	7	7	28	11	0	31	4	4	6	27	nne
19	8	6	6	8	6	0	0	6	6	13	14	14	14	14	14	16	4	8	9	7	7	7	2	6	26	nbye
20	5	5	5	5	6	6	0	6	6	6	0	6	6	6	4	2	2	2	7	5	8	6	6	6	60	nebye
21	5	5	5	6	2	6	6	6	6	6	6	6	4	2	28	28	22	7	6	7	9	2	10	2	57	nebye
22*	2	7	7	7	7	7	7	7	7	6	9	16	13	13	13	13	12	20	19	13	17	13	11	11	127	sebye
23*	12	12	12	13	12	12	12	12	12	13	21	21	21	21	21	18	18	17	17	16	12	11	11	9	166	sbye
24*	12	12	12	12	12	12	12	12	12	12	11	11	11	12	13	13	14	5	0	8	7	8	6	6	116	ese
25	5	5	4	4	4	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	5	5	4	4	50	ne
26	4	4	2	2	2	1	0	5	0	0	5	5	5	5	5	5	4	4	2	2	3	3	3	3	32	nebyn
27	0	0	31	0	1	2	2	0	30	28	28	25	25	25	27	28	29	29	30	30	30	31	31	2	338	nnw
28	1	1	0	2	2	2	1	0	31	22	27	27	28	28	29	29	29	29	29	30	30	30	31	31	344	nbyw
29	31	0	0	0	0	0	1	0	0	0	28	29	30	30	30	29	28	29	29	30	30	30	30	30	344	nbyw
30	22	29	22	29	29	29	28	28	28	27	28	28	27	28	28	28	29	30	0	4	4	3	3	3	338	nnw
Hourly Means No. 1	38° nebn	36° nebn	33° nebn	39° ne	40° ne	42° ne	38° nebn	36° nebn	35° nebn	64° nebe	46° nebn	33° nebn	28° nebn	28° nebn	32° nebn	31° nebn	27° nne	22° nne	32° nebn	28° nebn	20° nebn	31° nebn	31° nebn	34° nebn	83° ebn	89° ene
Hourly Means No. 2	172 sbe	165 sbe	152 sse	156 sse	159 sse	160 sse	159 sse	156 sse	157 sse	165 sbe	190 sbw	205 ssw	205 ssw	201 ssw	190 sbw	183 s	181 s	166 sbe	166 sbe	167 sbe	155 sse	145 sebs	134 se	131 se	168 sbye	
No. of Observations with the Wind in each quarter N W	4	3	5	3	3	4	4	4	5	5	5	6	7	8	8	8	6	8	8	7	8	7	7	6	141	Obs. N W
S W	1	1	1	1	1	1	1	1	1	3	5	5	5	4	3	4	4	4	4	4	3	2	1	1	61	„ S W
S E	2	6	8	7	7	9	8	6	2	8	7	6	4	0	8	6	7	6	8	6	7	7	2	8	169	„ S E
N E	17	20	12	19	19	16	17	17	16	14	13	13	14	12	11	12	11	12	10	13	12	14	14	15	349	„ N E

FORCE OF THE WIND, NOVEMBER 1851.

	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·55	0·40	0·50	0·45	0·50	0·25	0·37	0·35	0·20	0·15	0·20	0·05	1·00	0·10	0·07	0·15	0·27	0·40	1·20	2·00	1·60	1·75	1·90	1·55	0·66
2	1·25	·27	·02	·07	·05	·05	·05	·20	·30	·07	·07	·05	0·02	·07	·20	·35	·50	·50	0·47	1·30	1·15	0·27	0·17	0·15	·32
3	0·50	·52	·27	·00	·02	·12	·10	·07	·10	·12	1·60	1·85	1·70	1·70	2·30	2·70	3·70	4·80	4·00	3·10	1·20	2·50	2·70	2·50	1·56
4	2·50	2·70	3·00	1·60	2·00	2·20	2·00	1·60	1·70	1·40	1·80	a	—	1·70	0·40	0·15	1·20	0·70	2·05	a	—	1·00	1·50	1·30	1·39
5	0·85	0·55	1·20	0·80	1·00	0·92	0·42	0·27	0·75	0·35	0·75	0·20	0·15	0·10	·15	·15	0·05	·10	0·15	0·60	1·00	1·40	1·35	1·50	0·59
6	1·35	·40	0·40	1·35	1·50	1·25	1·37	1·33	1·02	·40	·15	·10	·07	·00	·05	·15	·22	·15	·32	·30	1·82	0·40	0·40	0·05	·52
7	0·02	·00	·00	0·00	0·00	0·00	0·00	0·00	0·02	·07	·05	·10	·07	·02	·05	·25	·27	·25	·10	·07	0·05	·05	·12	·11	·07
8	·10	·02	·02	·02	·02	·00	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·05	·07	·07	·07	·02	·02	·02
9	—	·00	·05	·10	·05	·10	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·05	·07	·10	·07	·07	·03
10	·07	·05	·02	·05	·05	·02	·02	·02	·02	·00	·00	·00	·00	·00	·02	·02	·10	·20	·30	·25	·20	·22	·10	·07	·08
11	·05	·05	·25	·12	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·02	·12	·15	·17	·20	·20	·27	·32	·30	·25	·10
12	·10	·07	·05	·02	·05	·02	·02	·02	·02	·05	·03	·00	·00	·00	·00	·02	·20	·40	·33	·30	·20	·25	·22	·22	·11
13	·10	·15	·10	·05	·10	·10	·05	·02	·00	·00	·00	·02	·02	·00	·05	·05	·25	·25	·27	·40	·75	·70	·65	·40	·19
14	·25	·20	·20	·20	·10	·02	·02	·05	·10	·50	1·25	·30	·35	1·50	1·60	1·50	1·60	2·70	4·50	4·70	3·50	*	—	—	1·06
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	*—	0·35	0·55	0·30	·02	·15	·05	0·07
17	·07	·02	·00	·02	·00	·00	·00	·00	·02	·15	0·07	·00	·00	0·00	0·00	0·00	0·00	0·05	·05	·05	·07	·10	·12	·02	·03
18	·02	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·00	·00	·02	·02	·05	·01
19	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·02	·02	·02	·01
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·05	·05	·02	·01
21	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·02	·05	·02	·05	·05	·01
22	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·05	·05	·05	·02	·02	·05	·05	·02
23	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·02	·05	·02	·02	·05	·02	·02	·01
24	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·02	·05	·05	·02	·01
25	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·10	·12	·15	·15	·07	·07	·02	·03
26	·02	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·10	·15	·20	·22	·22	·35	·30	·07
27	·27	·20	·10	·02	·00	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·03	·07	·10	·17	·35	·30	·35	·25	·27	·10
28	·20	·12	·10	·05	·07	·07	·02	·02	·00	·00	·00	·00	·00	·00	·07	·15	·20	·20	·20	·22	·20	·20	·15	·15	·10
29	·15	·10	·10	·07	·05	·05	·05	·07	·02	·02	·00	·05	·02	·10	·15	·12	·15	·20	·20	·25	·25	·20	·25	·20	·12
30	·15	·12	·10	·07	·07	·07	·05	·02	·00	·00	·00	·02	·00	·00	·00	·00	·00	·05	·05	·05	·05	·05	·02	·02	·04
Means.	0·31	·21	·27	·16	·20	·19	·17	·15	·15	·12	·17	·10	·13	·19	·18	·21	·33	·41	·54	·55	·44	·43	·40	·35	0·26

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

a In disorder. * The wire connection of the Pressure Plate broken.

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DIRECTION AND FORCE OF THE WIND.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	P. M. h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
DIRECTION OF THE WIND. DECEMBER 1851.	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	2	2	3	4	4	4	3	4	4	4	4	4	4	30	29	29	0	5	5	5	5	4	4	4	33	NEbN
2	3	3	3	2	3	3	2	2	2	2	29	25	26	6	23	25	27	28	2	4	4	3	3	3	4	N
3	4	4	4	4	4	3	3	3	3	3	3	3	3	0	27	28	28	1	3	3	4	4	4	3	25	NNE
4	3	2	2	2	2	2	2	2	1	1	1	1	2	2	2	3	3	2	3	3	3	2	2	2	23	NNE
5	2	2	2	2	2	2	1	1	1	31	31	31	30	30	29	27	4	3	3	4	3	2	2	2	11	NbE
6	2	2	2	2	2	2	2	2	1	31	28	28	28	28	28	28	31	3	2	2	2	1	1	1	1	N
7	3	3	2	1	0	0	0	0	0	0	29	29	29	29	29	28	29	29	30	4	4	4	4	4	1	N
8	2	2	1	1	1	1	3	3	3	3	31	28	28	28	28	29	3	3	3	2	1	2	3	3	9	NbE
9	3	3	3	2	2	2	2	2	1	1	1	2	0	0	1	1	2	2	3	3	2	2	2	3	21	NNE
10	2	2	2	2	2	2	3	1	31	30	30	31	1	1	0	2	2	2	2	2	2	2	2	2	14	NbE
11	1	1	1	1	1	1	0	31	29	30	30	30	28	28	29	29	29	29	1	2	1	1	1	1	352	Nbw
12	2	0	0	31	1	31	0	0	29	30	28	28	28	28	29	29	29	30	30	0	2	2	2	2	348	Nbw
13	1	1	0	31	30	0	0	30	29	29	29	29	30	30	29	29	30	31	31	31	0	0	1	1	347	Nbw
14	2	2	2	1	1	1	2	2	0	31	30	25	30	29	29	29	30	30	31	31	1	2	2	2	357	N
15	4	4	4	4	4	3	3	3	1	2	2	30	30	30	30	29	30	2	28	28	28	29	29	29	1	N
16	4	4	3	3	3	3	3	3	30	30	28	28	28	28	28	29	29	1	3	3	4	4	4	4	9	NbE
17	3	3	2	2	4	4	5	6	5	5	30	29	27	26	27	28	3	3	3	3	3	3	3	3	18	NNE
18	3	3	3	2	2	2	3	2	2	2	1	1	1	1	29	29	29	2	2	2	2	2	2	2	15	NbE
19	2	3	31	1	31	30	31	31	0	0	31	31	31	31	31	28	28	2	4	4	4	3	3	2	4	N
20	2	2	2	3	3	4	4	4	3	2	31	1	31	2	2	29	2	2	2	2	3	3	2	2	22	NNE
21	1	31	31	0	1	1	1	1	1	1	29	27	29	31	28	28	1	1	1	1	1	0	1	1	355	N
22	1	1	1	2	2	4	4	4	4	2	2	31	28	28	23	29	0	2	3	3	3	2	2	2	13	NbE
23	2	1	1	1	1	1	0	29	29	29	29	29	29	29	29	30	31	3	3	3	3	3	3	4	0	N
24	2	2	1	1	0	30	30	30	29	28	28	28	29	29	28	28	29	31	1	2	3	3	3	2	351	Nbw
25	2	2	1	30	0	1	1	2	0	26	26	26	26	26	26	26	26	28	1	1	1	1	1	1	357	N
26	2	2	31	31	31	30	30	29	29	29	28	28	29	29	29	29	29	29	30	30	1	0	2	2	343	NNW
27	1	1	31	31	0	0	31	30	30	30	30	29	29	29	29	29	29	29	2	2	1	1	3	3	352	Nbw
28	1	2	2	3	3	3	1	1	1	28	29	28	28	28	28	28	28	28	29	31	1	2	2	1	353	Nbw
29	2	2	2	3	2	2	2	2	2	3	3	30	26	26	26	27	28	31	1	1	1	1	0	1	0	N
30	1	1	1	1	3	3	2	2	2	1	1	1	1	2	1	1	1	31	0	1	1	1	1	1	14	NbE
31	1	0	31	31	31	31	30	28	28	30	30	28	28	27	28	28	28	28	29	0	1	1	0	0	338	NNW
Hourly Means.	24° NNE	22° NNE	16° NbyE	15° NbyE	17° NNE	17° NNE	16° NbyE	12° NbyE	4° N	358° N	345° Nbyw	335° NNW	334° NNW	336° NNW	326° NWbN	325° NWbN	345° Nbyw	1° N	13° NbyE	19° NNE	23° NNE	21° NNE	23° NNE	22° NNE	4°	N
No. of Observations with the wind in each quarter: NW	0	1	5	6	4	5	5	8	10	15	22	24	24	23	25	27	20	14	8	5	1	1	1	1	255	Obs. NW
SW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	„ SW
SE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	„ SE
NE	31	30	26	25	27	26	26	23	21	16	9	7	7	8	5	4	11	17	23	26	30	30	30	30	488	„ NE

FORCE OF THE WIND. DECEMBER 1851.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·02	0·02	0·02	0·02	0·02	0·02	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·02	0.05	0·05	0.05	0·07	0·07	0·07	0·05	0·03
2	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	.05	·07	·07	·07	·07	·02
3	·05	·05	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·05	·15	·15	·12	·12	·03
4	·10	·07	·05	·05	·05	·07	·02	·00	·00	·00	·00	·05	·05	·00	·00	·05	·07	·10	·10	·12	·15	·15	·15	·12	·06
5	·07	·05	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·07	·07	·07	·10	·12	·12	·03
6	·12	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·07	·10	·12	·15	·15	·15	·04
7	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·07	·12	·10	·12	·02
8	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·12	·10	·10	·07	·07	·05	·03
9	·07	·05	·02	·00	·02	·05	·02	·00	·00	·00	·00	·02	·00	·00	·02	·05	·10	·15	·17	·15	·15	·15	·17	·15	·06
10	·12	·05	·02	·02	·05	·02	·05	·02	·00	·00	·05	·03	·05	·03	·02	·05	·10	·12	·22	·25	·22	·22	·20	·15	·09
11	·15	·07	·02	·05	·05	·02	·02	·02	·02	·00	·00	·00	·02	·02	·05	·05	·05	·10	·12	·15	·15	·12	·15	·15	·06
12	·12	·10	·02	·00	·02	·00	·00	·00	·00	·10	·00	·00	·03	·00	·05	·07	·10	·10	·12	·10	·20	·17	·17	·12	·06
13	·10	·05	·02	·02	·00	·02	·03	·00	·00	·05	·15	·07	·05	·10	·17	·15	·15	·15	·22	·22	·30	·25	·25	·25	·11
14	·22	·10	·12	·15	·10	·07	·05	·02	·02	·02	·00	·00	·00	·02	·02	·02	·02	·07	.07	·10	·05	·10	·10	·07	.06
15	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·02	.02	·05	·07	·10	·10	·07	.02
16	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·02	.05	·07	·07	·10	·10	·07	·02
17	·12	·07	·02	·02	·02	·02	·15	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·12	·12	·15	·15	·10	·06
18	·05	·02	·02	·02	·02	·02	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·10	·10	·10	·07	·12	·15	·04
19	·10	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·07	·07	·10	·10	·12	·03
20	·10	·05	·05	·05	·05	·05	·05	·02	·00	·00	·00	.00	·00	·00	·00	·00	·05	·12	·07	·07	.10	·10	·15	·12	·05
21	·10	·12	·05	·05	·02	·05	·05	·02	·00	·00	·00	.00	·00	·00	·00	·00	·07	·15	·22	·37	.52	·35	·40	·20	·11
22	·20	·10	·10	·10	·07	·07	·07	·10	·05	·05	·02	.00	·00	·00	·00	·02	·05	·12	·15	·20	.20	·15	·15	·12	·09
23	·12	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·15	·12	·07	·10	·10	·07	·02	·04
24	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·02	·00	·02	·00	·05	·05	·07	·07	·07	·10	·07	·03
25	·07	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·05	·10	·07	·07	·07	·05	·03
26	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·00	·02	·02	·07	·05	·07	·07	·07	·12	·10	·03
27	·10	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·02	·05	·05	·05	·05	·30	·55	·65	·60	·27	.20	·13
28	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·02	·05	·05	·02	.02	·01
29	·02	·02	·02	·02	·02	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·05	·05	·05	·05	·05	·02
30	·02	·02	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·02	·00	·00	·15	·15	.20	·20	·20	·10	·05	·05	·05
31	·02	·02	·00	·00	·00	·00	·00	.00	·00	·02	·02	·00	·00	·00	·00	·02	·02	·02	.15	·70	·60	·50	·40	·42	·12
Means.	0·03	·05	·02	·02	·02	·02	·01	·01	·00	·01	·01	·01	·01	·01	·01	·02	·04	·07	·10	·14	·16	·15	·14	·12	0·05

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DEPTH OF RAIN AND EVAPORATION IN INCHES.

FALL OF RAIN FOR 1851.

	January		February		March		April		May		June		July		August		September		October		November		December	
	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day
									Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.
1	—	—	—	—	—	—	—	—	—	0·298	—	—	—	—	—	—	—	—	1·132	0·016	0·008	0·084	—	—
2	—	—	—	—	—	—	—	—	1·188	0·634	—	—	0·010	—	—	—	0·335	—	—	—	1·670	·252	—	—
3	—	—	—	—	—	—	—	—	1·210	1·680	—	—	—	0·515	—	—	—	—	—	—	1·632	2·122	—	—
4	—	—	—	—	—	—	—	—	7·028	3·817	—	0·040	—	1·011	—	—	—	—	—	—	4·542	3·356	—	—
5	—	—	—	—	—	—	—	—	—	—	0·013	—	·130	—	—	—	—	—	—	—	0·142	0·070	—	—
6	—	—	—	—	—	—	—	—	—	—	—	—	—	0·003	—	—	—	—	2·308	—	·183	—	—	—
7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·800	0·060	—	—	0·220	·302	—	—	—	—
8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·900	·020	—	—	—	—
9	—	—	—	—	—	—	—	—	—	—	·020	—	—	—	—	—	—	—	·170	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·840	—	—	—
11	—	—	—	—	—	—	—	—	—	—	—	·015	1·598	—	1·010	·160	—	—	—	—	·010	—	—	—
12	—	—	—	—	—	—	—	—	—	—	—	—	0·332	—	—	·270	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	—	·045	—	—	·013	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—	·010	—	—	—	—	—	—	—	·148	1·420	1·110	0·270
15	—	—	—	—	—	—	—	—	—	—	—	—	·050	—	—	—	—	—	—	—	1·960	1·293	—	—
16	—	—	—	—	—	—	—	—	—	—	·080	—	—	—	—	—	·020	—	—	—	1·079	0·479	—	—
17	—	—	—	—	—	—	—	—	—	—	—	—	·230	—	—	—	—	—	—	—	2·092	·557	0·010	·050
18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·010	·100	—	—	—	·050	—	·090	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·035	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	2·170	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	—	·008	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	—	·140	—	—	—	·375	—	—	—	·020	·120	—	—	—	—
23	—	—	—	—	—	—	—	—	—	0·008	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	0·115	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·455	—	—	0·079	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	·025	—	—	—	0·010	—	·159	—	—	·112	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	—	—	—	—	·010	—	—	—	·014	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	—	—	—	·050	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	—	—	—	·340	—	—	·165	·090	—	·180	—	—	·005	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	·005	—	·158	—	·150	—	—	—	0·028	·046	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·160	·041	—	—	—	—
Sums.	—	—	—	—	—	—	—	—	10·166	8·437	1·206	0·055	4·944	1·552	3·553	0·786	0·595	1·105	4·990	0·639	14·172	10·674	1·120	0·326

EVAPORATION FOR 1851.

	January		February		March		April		May		June		July		August		September		October		November		December	
	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day
	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.
1	0·030	0·246	0·033	0·252	0·008	0·301	0·022	0·410	0·030	0·050	0·062	0·500	0·030	0·345	0·055	0·309	0·030	0·348	0·012	0·235	0·010	e—	0·020	0·196
2	·025	·221	·033	·292	·020	·320	·025	·385	r—	r—	·071	·400	·028	·372	·054	·200	·035	·291	·013	·200	r—	r—	·030	·193
3	·027	·235	·012	·248	·015	·304	·030	·405	r—	r—	·064	·350	·050	·259	·060	·335	·035	·353	·022	·271	r—	r—	·015	·200
4	·005	·246	·008	·572	·030	·313	·010	·515	r—	r—	·074	·435	·032	·243	·045	·300	·040	·340	·023	·317	r—	0·011	·025	·235
5	·020	·235	·016	·272	·011	·310	·015	·418	·027	·228	·038	·435	r—	·008	·040	·375	·038	·282	·019	·202	r—	·094	·015	·280
6	·015	·240	·020	·257	·033	·300	·033	·398	·023	·318	·098	·550	·030	·009	·055	·380	·030	·340	·008	·182	·009	·135	·010	·292
7	·018	·256	·014	·277	·028	·225	·025	·385	·020	·382	·081	·515	·035	·254	·035	·115	·030	·470	·010	·174	·011	·256	·015	·212
8	·019	·240	·012	·182	·013	·215	·035	·370	a—	·401	·072	·435	·032	·250	·030	·310	·047	·421	·010	·175	·010	·236	·005	·224
9	·027	·229	·020	·295	·022	·270	·035	·375	·028	·448	·045	·445	·038	·220	·017	·046	·046	·301	·015	·170	·010	·199	·005	·229
10	·030	·225	·017	·307	·020	·270	·045	·425	·015	·405	a—	·400	·035	·340	·027	·240	·035	·351	·015	·263	·030	·131	·040	·214
11	·033	·246	·009	·285	·028	·295	·027	·423	·005	·400	·065	·410	·015	·235	·030	·150	·038	·330	·016	·173	·012	·185	·030	·206
12	·020	·243	·010	·260	·025	·305	·035	·445	·015	·394	·044	·400	·008	·186	·032	·205	·030	·310	·015	·301	·009	·184	·025	·200
13	·018	·220	·014	·285	·035	·301	·032	·380	·021	·370	·048	·400	·020	·163	·033	·290	·025	·228	·015	·300	·025	·119	·024	·216
14	·017	·240	·023	·302	·022	·305	·016	·380	·030	·422	·050	·446	·020	·200	·040	·300	·020	·320	·020	·260	·010	r—	·015	·124
15	·020	·225	·019	·320	·018	·320	·016	·399	·025	·346	·056	·422	·030	·200	·042	·280	·030	·325	·041	·236	r—	·101	·006	·169
16	·026	·200	·024	·275	·026	·290	·025	·400	·019	·341	·030	·374	·045	·230	r—	·148	·037	·339	·015	·241	r—	·108	·015	·195
17	·038	·220	·019	·285	·025	·335	·021	·420	·015	·319	·040	·413	·028	·165	·040	·260	·047	·305	·005	·156	·007	·194	·006	·209
18	·023	·270	·015	·304	·010	·294	·030	·335	·020	·310	·075	·435	e—	·235	·040	·240	·033	·278	·013	·220	·018	·099	·013	·206
19	·028	·272	·016	·295	·032	·350	·019	·326	·025	·310	·055	·380	·054	·331	·023	·150	·027	·226	·007	·240	·000	·204	·015	·206
20	·020	·223	·018	·285	·022	·370	·029	·395	·020	·313	·045	·350	r—	·175	·035	·055	·018	·350	·005	·180	·014	·230	·025	·220
21	·023	·225	·014	·255	·031	·385	·035	·510	·015	·324	·038	·250	·036	·240	·030	·220	·023	·315	·006	·100	·012	·237	·031	·251
22	·022	·241	·010	·235	·018	·352	·024	·445	·027	·346	r—	·305	·030	·160	r—	·203	·033	·360	·010	·275	·010	·225	·023	·250
23	·020	·285	·013	·275	·020	·315	·030	·392	·050	·182	·027	·320	·037	·295	·019	·200	·042	·240	·010	·181	·016	·226	·019	·225
24	·020	·260	·007	·303	·015	·303	·027	·440	·002	·008	·053	·400	·038	·355	·030	·215	·023	·190	·008	·290	·005	·222	·019	·241
25	·010	·265	·009	·245	·010	·313	·023	·409	·022	·319	·053	·320	·043	·325	r—	·197	·016	·012	·015	·225	·019	·202	·022	·237
26	·018	·251	·007	·295	·023	·332	·020	·441	·050	·296	·041	·370	·006	·210	·025	·310	·020	·260	·013	·250	·017	·240	·022	·174
27	·025	·271	·007	·306	·035	·320	·018	·370	·035	·402	·051	·285	·040	·360	·045	·235	e—	·168	·010	·198	·016	·248	·024	·202
28	·020	·270	·009	·305	·030	·380	·030	·337	·029	·328	·040	·362	·028	·275	·052	·205	·012	·240	·010	·285	·020	·222	·034	·223
29	·026	·235			·023	·355	·028	·300	·039	·457	·043	·320	r—	·245	·035	·155	·019	·264	·017	·267	·025	·190	·048	·243
30	·023	·290			·020	·360	·030	·325	·079	·434	·040	·340	·033	·175	·022	·315	·013	·276	·012	·325	·012	·130	·037	·233
31	·028	·222			·032	·350			·045	·413			·030	·270	·040	·348			·012	·137			·029	·224
Means.	0·022	·245	·015	·270	·022	·315	·026	·398	·027	·338	·053	·399	·032	·242	·037	·242	·030	·296	·013	·230	·013	·176	·022	·217

TOTAL RAIN IN EACH MONTH.

1851	Night.	Day.	Total
	Inches.	Inches.	Inches.
January, ...	—	—	—
February, ...	—	—	—
March, ...	—	—	—
April, ...	—	—	—
May, ...	10·166	8·437	18·603
June, ...	1·206	0·055	1·261
July, ...	4·944	1·552	6·496
August, ...	3·553	0·785	4·338
September, ...	0·595	1·105	1·700
October, ...	4·990	0·639	5·629
November, ...	14·172	10·674	24·846
December, ...	1·120	0·326	1·446
Total. ...	40·746	23·573	64·319

MEAN EVAPORATION IN EACH MONTH.

1851	Night.	Day.	Total
	Inches	Inches.	Inches
January, ...	0·022	0·245	0·267
February, ...	·019	·270	·294
March, ...	·022	·315	·337
April, ...	·026	·398	·424
May, ...	·027	·338	·365
June, ...	·053	·399	·452
July, ...	·032	·242	·274
August, ...	·037	·242	·279
September, ...	·030	·296	·326
October, ...	·013	·230	·243
November, ...	·013	·176	·189
December, ...	·022	·217	·239
Mean...	0·026	0·281	0·307

a.—Observation missed. r.—Rain. e.—Covered the evaporator.

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REMARKS ON THE WEATHER FOR THE MONTH OF JANUARY, 1851.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	clear,	0	clear,	0	clear,	0	clear,	0	clear,D,	0	clear,D,	0
2	clear,	0	clear,	0	clear,D	0	clear,D,	0	clear,D,	0	...	...
3	cir-hz,cir-st,	1	clear,	0	clear,D.	0	clear,D,	0	fl cu.	3	...	...
4	sc-cu,cir,	2	fl-cu,	1	fl-cu,	2	clear,	0	cu-hor,D,	1	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...
6	cir,cir-hz,cir-st	2	cir-hz,	2	cir-hz,	2	cu-st,hz,D,	2	ny-clear,D,	1	...	...
7	cu,cir,cir-st,	1	fl-cu,hz,	2	fl-cu,hz,	2	cu,cir,cir-st,	5	cu,cu-st,hz	4	cu,cu-st,hz,	7
8	cir-st,hz hor,	1	fl-cu,	1	clear,	0	sc-cu,hz,	2	clear,D,	0	ny-clear D,	0
9	cu,cir-st,hz,	2	fl-cu,hz,	3	fl-cu,hz,D,	4	cu-hor,	2	cu,hz,	1	cu,hz,	2
10	ny-clear,	0	clear,	0	clear.	0	clear,	0	clear,D,	0	clear,D,	0
1	sc-cu,	2	fl-cu,	2	ny-clear,	0	ny-clear,	0	sc cu,D,	1	...	...
2	...	...	...	...	...	...	...	...	...	...	sc-cu,cir-hz,	1
3	cu,cir,cir-st,	2	cir,cir-st,	1	clear,	0	clear,	0	clear,D.	0	clear D,	0
4	clear,	0	ny-clear,	0	clear.	0	clear,	0	ny-clear,	0	ny-clear,D,	0
5	fl-cu,cir-st.	3	clear,	0	clear,	0	clear,	0	clear	0	clear,D,	0
6	cu,cir,	2	fl-cu,hz,	2	cu-hor,	1	cu-hor,	2	cu-hor,D,	1	cu-hor,D,	1
7	do.	2	cu.	1	fl-cu.	2	fl-cu,	2	cu,cu-st,	3	do. D,	1
8	fl-cu,cir,	3	fl-cu,hz,	3	fl-cu,hz.	3	fl cu,hz,	5	fl-cu,hz,	5	...	...
9	...	...	...	...	...	...	...	...	...	...	sc-cu hz,D,	2
20	fl-cu,hz.	2	do.	2	ny-clear,	[illegible]	ny clear,D,	1	clear,D,	[illegible]	sc-cu,D,	1
1	sc-cu,cir,	3	do.	3	fl cu,hz,	1	cu,hz,	5	cu,hz,	[illegible]	fl-cu,D,	3
2	fl cu,hz,	4	do.	2	do.	3	fl-cu,cu-st,hz,	3	fl-cu,cu-st,hz.	[illegible]	sc-cu,D,	3
3	cu,cir,cir-hz,	3	cu,cir-st,	3	cu,hz,	1	cu,cir-hz,nim,E,	3	cu-hor,	1	su,cu-st,hz,D,	4
4	fl-cu,cir,	3	fl-cu,hz,	2	cu-hor,	1	ny-clear,D.	[illegible]	do. D,	1	cu-hor,D,	3
5	cu,cir-hz,cir-st,	[illegible]	cu,hz,	2	cu,hz,	1	cu,hz,D,	2	fl-cu,cir-hz,D,	1	...	...
6	...	...	...	...	...	...	...	...	...	...	ny clear,D.	0
7	ny-clear,	[illegible]	fl-cu,	1	fl-cu,	2	fl-cu,	1	ny-clear,D,	[illegible]	do.	0
8	sc-cu-hor,	[illegible]	ny-clear,	0	ny-clear,	[illegible]	ny-clear,D,	0	do.	[illegible]	do. do.	0
9	cir-st,cir,hz,lt-cu,	[illegible]	cu,cir,cir-st.	2	do.	[illegible]	do.	0	do.	[illegible]	clear, do.	0
30	ny-clear,	[illegible]	cir-st,cir-hz.	1	do.	[illegible]	fl-cu,D,	1	cu,hz,D,	[illegible]	fl-cu, do.	2
1	cu,cir,hz-hor.	3	lt-cu,hz.	1	clear.	[illegible]	ny-clear,D,	1	fl-cu,hz,	3	cu-hor,	2

REMARKS ON THE WEATHER FOR THE MONTH OF FEBRUARY, 1851.

Date.	NOON	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	cu,cir,cir-hz	4	cir,cir-hz,cir-st,	4	cu hz,	5	cu,cir,hz,	6	cu,cir-hz,	6	...	...
2	...	...	...	...	...	...	...	...	...	...	sc-cu,cir,	[illegible]
3	sc-cu,	1	sc-cu,	2	sc-cu,	2	sc-cu,	2	fl-cu, D	2	ny-clear, D	[illegible]
4	do.	2	do,	2	fl-cu,	2	fl-cu,	3	do. D	3	cu,cir-hz, D	[illegible]
5	clear.	0	clear,	0	clear. D	0	clear,D.	0	clear	0	clear, D	[illegible]
6	do.	0	do	0	do.	0	cu,hz D	3	cu,-hz,D,	2	cu-hor,	[illegible]
7	do.	0	do...	0	do.	0	cu,cir-hz D,	2	clear, D,	0	clear,D,	[illegible]
8	do.	0	do.	0	do	0	clear,	0	cu,cir-hz,	2	...	...
9	...	...	...	...	...	...	...	...	...	...	do D	[illegible]
10	do.	0	do.	0	do.	0	do. D	0	cu-hor, D	2	cu-hor, D	[illegible]
1	do.	0	do.	0	do.	0	do. D	0	clear, D	0	clear, D	[illegible]
2	do	0	do.	0	do	0	do.	0	cu-bor.	1	cu,cir-hz,	[illegible]
3	do.	0	ny-clear,	0	sc-cu,cu-st,	2	cir-cu,hz,	3	cu-cir-hz,	2	do.	[illegible]
4	ny-clear,	0	lt-hz,	0	clear,	0	cir-hz-hor.	2	cir-hz-hor D	1	cir-hz,cir-st,D	[illegible]
5	cir,cir-hz.	1	do	1	cir,cir-st,hz,	1	cir,cir-st,lt-D	1	ny-clear, D	0	...	...
6	...	...	...	...	...	...	...	...	...	...	cu,cu-st,	[illegible]
7	lt-cu,cir,cir-st,d-hz,	5	cir,cir-hz,	2	cu,cu-st,cir,cir-st,	5	cu,cir-hz,	4	cu,cir-hz,	6	cu,cir-hz,	[illegible]
8	cir,cir-hz,cir-st,	3	cir,cu-st,cir-hz,	3	cir cir-st,cu	2	cir-st,cir-hz.	6	cir-hz,cir-st,	6	cir-hz,cir-st,	[illegible]
9	ny-clear,	0	cir-st,lt-hz,	1	ny-clear,	0	cir-st,hz.	2	ny-clear,	0	cir-st,cir-hz,	[illegible]
20	do,	0	ny-clear,	1	clear,	0	clear,	0	fl-cu,	2	fl-cu,	[illegible]
1	cir,cir-hz,cir-st,	8	cir,cir-hz,cir-st,	1	ny-clear,	0	ny-clear,	0	clear,	0	su,cir-st,	[illegible]
2	cir,cir-st,d-hz,	4	cir,cir-st,hz,	2	do	1	do,	1	cu-hor,	2	...	...
3	...	...	...	...	...	...	...	...	...	...	cir,cir-hz,	[illegible]
4	cir-st,d-hz,	4	cir-st,hz,	2	do.	0	do D	0	clear, D	0	clear, D	[illegible]
5	clear,	0	clear,	0	clear, D	0	clear, D	0	do. D	0	do sh-lg,nim-N,D	0
6	do.	0	do.	0	do.	0	do. D	0	do. D	0	clear, D	0
7	do.	0	do.	0	do. D,	[illegible]	do. D	[illegible]	do. D	0	do D	0
8	do.	0	do.	0	do.	[illegible]	do.	[illegible]	do. D	0	do. D	0

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard... ...around
cld ... ...clouds or cloudy
cr or cir...cirri or cirro or cirrose
cu ... ...cumuli or cumulo
D... ...Dew
d... ...dense
dis... ...distant
dt... ...detached
E... ...East
fg ... ...fog
fk... ...forked
fl... ...flying
fr... ...frequent
g... ...ground
h... ...heavy
hl... ...halo
hor... ...horizon
hz... ...haze or hazy
ld... ...loud
lg ... ...lightning
lt... ...light
mt... ...meteor
N... ...North
nim... ...nimbi
ny... ...nearly
ovd... ...over head
ovt... ...overcast
ps ... ...peals
pt ... ...part or partly or partial
R... ...Rain
r-b... ...rain bow
S... ...South
sc... ...scattered
sh ... ...sheet
st ... ...stratus
th... ...thunder
thi... ...thick
v ... ...very
viv... ...vivid
W ... ...West

REMARKS ON THE WEATHER FOR THE MONTH OF JANUARY, 1851.

	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers. Radiatn. Sol	Ter.	Air. Max.	Min.
1	clear,D, ...	0	clear, ...	0	clear, ...	0	cu,cir-hz, ...	4	cu,cir-hz, ...	4	cu,cir, ...	1	—	—	82.2	66·2
2	clear,D, ...	0	cu cir,cir-hz,D,...	2	ny-clear, ...	0	sc-cu.	1	ny-clear, ...	0	cir,cir-st, ...	1	—	—	81.0	65·5
3	clear,D,... ...	0	sc-cu, ...	1	sc-cu,cir, ...	1	sc cu-hor, ...	1	sc-cu,cir-hz, ...	3	sc-cu, hz, ...	3	—	—	82.2	67·7
4	... .	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	82 5	69 5
5	clear,D,... ...	0	cu,cu-st, ...	3	cu,cu st,cir-hz, ...	3	cu,cu st,cir,hz,nim W	4	sc-cu,cir-hz, ...	4	fl-cu, ...	3	—	—	81.7	69·3
6	clear,D, ...	0	cir,cir-hz D, ...	3	cir-hz,cir-st, ...	4	cu,cir-hz,cir-st, ..	4	cir-st cir-hz. ...	2	cir-st,cu, ...	1	—	—	81 6	67 9
7	clear, ...	0	cu-cu,cu, ...	5	cu cu-st,cir-hz, ...	3	sc-cu,hz, ...	3	fl-cu,cu-st,hz nim-w,	4	fl-cu,hz, ...	3	—	—	82.9	70·6
8	cu,cir-hz,D, ...	3	cu,cir-hz, ...	3	sc-cu,cir-hz, ...	3	cu,cu-st, ...	3	fl-cu,cu-st,cir, ...	4	fl cu, ...	3	—	—	82.4	69·8
9	cu,cir-hz, ...	2	ny-clear, ...	0	ny-clear, ...	0	sc-cu,cu-st, ...	4	fl cu, ...	3	cu, ...	2	—	—	82.9	69 6
10	clear,D, ...	0	ny-clear, ...	0	cu-hor, ...	1	sc-cu,cu-st, ...	3	sc-cu,cu-st,nim, S E	5	sc-cu, ...	2	—	—	83 5	68·4
1	... ...	...	... ...	...	... .	...	... ...	...	... ...	...	... .	...	—	—	83·4	68 2
2	clear, ...	0	cu,cir-hz.	2	cir cir-hz, ...	2	fl-cu,cu-st,nim, ...	5	cu,cir-hz, ...	3	cu,hz,cir st, ..	2	—	—	84·4	72·1
3	clear,D,... ...	0	clear,D,... ...	0	sc-cu, ...	1	fl-cu cu st, ...	5	sc-cu,cir-hz, ...	3	fl-cu, ...	2	—	—	84 2	71·4
4	clear,D, ...	0	sc-cu,D, ...	1	fl cu,hz,...	3	fl-cu,hz,nim-NW, ...	4	sc-cu cu-st, ...	3	fl-cu,...	2	—	—	84 1	71 9
5	clear,D,... ...	0	do. ..	1	sc-cu, ...	2	fl-cu cu-st,hz,nim,NW	4	do. ...	4	do.	3	—	—	64 4	72.1
6	cu,cir-hz.D ...	3	cu-cir, ...	4	cu,cu-st-cir-hz, ...	3	cu,cu-st,cir-st, ...	3	sc-cu,cu-st,cir-hz,...	2	fl cu,cu-st,cir, ...	3	—	—	83·8	72 2
7	cu,cir-st, ...	3	sc-cu,cir, ...	2	cu,cir-hz, ...	2	do. ...	4	cu-cu st,cir st,nim-N .	4	fl-cu, ...	2	—	—	83 8	75 0
8	... ...	...	... ...	...	... .	...	... ...	...	... ...	...	... .	...	—	—	83 2	71·5
9	cu hor,D, ...	1	sc-cu, ...	1	do.	2	cu,cu st,cir-hz, ...	4	fl cu cu-st,cir-hz, ...	5	fl-cu,hz,cir-st, ..	3	—	—	83 6	69 5
20	cu cu,D, ...	4	cu,cu-st,cir-hz,	3	cu,cir-st, ...	2	do. nim, NW,	4	sc-cu cu-st cir-st,	5	fl-cu,cir, ...	4	—	—	83 6	70·0
1	cu hz,D, ...	3	sc-cu, ...	2	cu,cu-st,cir-hz, ..	3	do.	4	fl-cu,cu-st,cir-hz, ...	5	cu-cir-hz, ...	4	—	—	83·0	71 0
2	sc-cu D, ...	1	cu hz,D, ...	2	sc-cu cu-st hz, ...	2	sc-cu,cu-st,hz, ...	3	cu-hz, ...	3	cu-cir-st, ...	2	—	—	82·9	70·3
3	ny-clear,D, ...	0	cu,cir-hz,D, ...	1	sc-cu, ...	1	sc-cu, ...	2	sc-cu,cu-st, ...	3	fl-cu, ...	5	—	—	83 9	70 4
4	clear-D, ...	0	clear,D,... ...	0	clear, ...	0	sc-cu,cir-hz, ...	2	sc-cu,cir-hz, ...	5	sc-cu,cir-hz, ...	3	—	—	84·1	67·9
5	... ...	...	... .	...	.. ..	...	.. ..	...	... ...	...	.. ..	...	—	—	82·5	66·4
6	cu cir-hz,D, ..	3	cu,cir,D, ...	2	do.	0	sc-cu,cu-st, ...	3	sc-cu,cu-st, ...	3	cu hor, ...	1	—	—	81	66 5
7	ny-clear, do. ...	0	cu,cu-st, ...	5	sc-cu, ...	1	sc-cu, ...	2	cu cu-st, ...	2	sc-cu-hor, ...	1	—	—	81·7	66
8	do. do. ...	0	sc-cu,cu-st, do.	3	do.	2	do. cu-st, ...	4	sc-cu,cir-st, ...	3	cu-cir cir-st, ...	2	—	—	82	67 5
9	clear, do. ...	0	cir,cir-st,cu,do...	2	do.	2	sc-cu,cir,cu,st,cir-hz,	5	sc-cu,cir,cir-hz,	3	ny-clear, ...	0	—	—	82·2	67·4
30	cu,hz, do. ...	2	sc-cu,cu-st, ..	3	do.	3	fl-cu,cu-st, ...	4	sc-cu,cu-st, ...	3	cu-hor.	2	—	—	83	69 2
1	ny-clear, ...	0	cir-cu,cir st,cir-hz,	4	cir, cir-st cir-hz ...	5	cu,cu st,cir-hz,nim-NW ..	4	cu,cir-hz cu-st,...	4	cir,cir-hz,cir st, ...	5	—	—	84 2	71·4

REMARKS ON THE WEATHER FOR THE MONTH OF FEBRUARY, 1851.

	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Radiatn. Sol	Ter.	Air. Max.	Min.
1	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	84·1	70 9
2	fl-cu,hz, ...	2	sc-cu,cir,cir-st,	3	sc-cu,cu-st,cir-hz, ...	3	sc-cu,cu-st,cir-hz ...	6	cu,cu-st,cir, ...	2	sc-cu, ...	2	—	—	83·6	71·7
3	fl-cu,D, ...	1	sc-cu,D, ...	1	sc-cu,cu-st, ...	2	fl cu,cu-st, ...	3	fl-cu,cu-st, ...	3	sc-cu,cu-st, ...	2	—	—	83·2	68·3
4	cu,hz,D, ...	4	do. hor,D,	1	ny-clear, ...	0	ny-clear, ...	0	clear, ...	0	clear, ...	0	—	—	82·4	68 5
5	by-cu, ...	6	cu,cu-st, ...	6	cu,cir-cu,cu-st,	6	sc cu,cir st, ..	2	do	0	do. ...	0	—	—	82·1	66·9
6	clear,D, ...	0	clear, ...	0	clear, ...	0	fl-cu cu-st,cir, ...	3	cu, ...	1	do.	0	—	—	82·7	66·5
7	ny-clear,D,	0	do. fg, ...	0	do.	0	ny-clear, ...	0	clear, ...	0	do. ...	0	—	—	83·2	67 0
8	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	81 3	68·4
9	clear,D, ...	0	ny-clear,D, ...	0	do.	0	sc-cu, ...	1	cu, ...	1	do.	0	—	—	84 1	67 1
10	do. D, ...	0	clear,D, ...	0	do.	0	clear, ...	0	clear, ...	0	do.	0	—	—	83·	67·6
1	do. D, ...	0	do. ...	0	do.	0	do.	0	do.	0	do.	0	—	—	84 8	67 2
2	fl-cu,hz, ..	2	fl-cu,cir-hz,	3	sc-cu,cir-hz, ...	2	fl-cu,cu-st,hz, ...	3	lt-cu, ...	1	ny-clear, ...	0	—	—	84 7	71·3
3	do. ...	3	sc-cu cu-st, ...	3	sc-cu, ...	1	sc-cu, ...	2	ny-clear. ...	0	clear, ...	0	—	—	85·1	71·4
4	cu,cir,hz,D, ...	4	cir-cu,cir-st,	2	cir-hz,... ...	2	cir-hz, ...	1	cu,cir-hz, ...	2	cir,cir-hz,cu, ...	2	—	—	86·1	70·2
5	... ...	...	... .	...	... .	...	... ...	...	... ...	...	... ...	...	—	—	88·	71·9
6	cu,cir,cir-st,hz,	3	cir,cir-st,cir-cu,	5	cu,cu-st,cir,cir-st,cir-hz	6	cu cir,cir-st,d-hz,...	6	lt-cu,cir-st,d hz, ...	5	lt-cu,cir,cir-st d-hz,	4	—	—	86·	73 1
7	cu,cir-hz, ...	3	sc-cu,cir,cir hz,	3	sc-cu,cu-st,cir-st, ...	6	sc-cu,cir,cir-st,	4	lt-cu,cir-st,hz,	3	cu,cir,cir-hz, ...	4	—	—	85 3	71·6
8	cir-st,hz, ...	2	cir,cir-st,cir-hz,	3	cir,cir-st,cir-hz,	2	cir,cir-st,cu, ..	2	ny-clear, ...	0	cir,cir-hz, ...	2	—	—	86·	70·8
9	lt-cu,hz, ...	2	cir,cir-st,cu, ...	3	cir-st,cir-hz, ...	2	cir-st,cir-hz, ...	1	do.	0	ny-clear, ...	0	—	—	85·4	71·7
20	clear, ...	0	ny-clear, ...	0	cir-st,cu ...	1	sc cu,cir-st, ...	3	cu,cir-st,cir-hz, ...	2	cir,cir-hz,cir-st, ...	3	—	—	83·8	70 4
1	cir-hz, ...	1	cir,cir-st,cir-hz,	3	cir,cir-st,cir-hz, ...	3	cir,cir-st,cir-hz,cu,	3	lt-cu,cir-hz,cir-st,	3	lt-cu,cir-hz,cir-st,	4	—	—	83·6	70·5
2	.. ...	...	... ...	...	.. ..	...	... .	...	... ...	...	... ...	...	—	—	83·1	71·3
3	hz, ...	1	cir-st,cir-hz, ...	4	do. ...	5	cir,cir-st,cir-hz,	6	cir-st,d-hz, ...	6	cir-st,d-hz, ...	4	—	—	86·9	68·5
4	cir-st hz,D, ...	1	cir,cir-st,	1	cir,cir-st, ...	1	sc-cu cir-hz, ..	1	sc-cu,cir, ...	1	ny-clear, ...	0	—	—	85·3	69·1
5	clear,D, ...	0	clear, ...	0	clear, ...	0	clear, ...	0	clear, ...	0	clear, ...	0	—	—	85·8	67·7
6	do. D ...	0	do. D, ...	0	do.	0	do.	0	do.	0	do.	0	—	—	86·0	68·0
7	do. D	0	do. ...	0	do.	0	do.	0	do. ...	0	do.	0	—	—	87·4	68·0
8	do. D ...	0	do D, ...	0	do. D, ...	0	do.	0	do.	0	do.	0	—	—	88·9	69·0

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard ... around
- cld ... clouds or cloudy
- cr or cir ... cirri or cirro or cirrous
- cu ... Cumuli or cumulo
- D ... Dew
- d ... dense
- dis ... distant
- dt ... detached
- E ... East
- fg ... fog
- fk ... forked
- fl ... flying
- fr ... frequent
- g ... ground
- h ... heavy
- hl ... halo
- hor ... horizon
- hz ... haze or hazy
- ld ... loud
- lg ... lightning
- lt ... light
- mt ... meteor
- N ... North
- nim ... nimbi
- ny ... nearly
- ovd ... over head
- ovt ... over cast
- pl ... peals
- pt ... part or partly or partial
- R ... Rain
- r-b ... rain-bow
- S ... South
- sc ... scattered
- sh ... sheet
- st ... stratus
- th ... thunder
- thk ... thick
- v ... very
- viv ... vivid
- W ... West

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REMARKS ON THE WEATHER FOR THE MONTH OF MARCH, 1851.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	clear, ...	0	clear, ...	0	clear, ...	0	clear,D, ...	0	clear,D, ...	0	... ...	...
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	co,cir-hs, ...	2
3	cir,cir-st, ...	2	cir-hs,cir-st, ...	2	oy-clear, ...	0	do.	0	cir,cir-st, ...	1	co,cir-st,... ...	2
4	cir-hs,cir-st, ...	1	oy-clear, ...	0	clear, ...	0	do.	0	clear, ...	0	sc-cu, ...	1
5	cir,hs, ...	1	clear, ...	0	do.	0	do.	0	ny-clear, ...	0	clear, ...	0
6	cir-st,hs,... ...	1	do.	0	do.	0	sc-cu, ...	1	sc-cu,cir-hs, ...	2	sc-cu,cir-hs, ...	1
7	cu,cir-hs, ...	6	cu,cir-hs, ...	4	cu,cir-hs, ...	5	cu cu-st,cir-hs, ...	5	sc-cu,cir,cir-hs, ...	4	do.	5
8	do.	6	do.	4	oy-clear, ...	1	sc-cu-hs, ...	8	cu-cir,hs, ...	2	... ...	...
9	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	clear, ...	0
10	cir-hs,cir-st, ...	3	cir-hs,cir-st, ...	2	do.	0	oy-clear.... ...	0	clear, ...	0	cu-hor.	1
1	cir-cu,cir-hs,... ...	8	cir-cu,cir-hs, ...	7	ny-ovt, ...	8	covd. cu,hs, ...	7	cir-cu,cir-st,cir-hs, ...	6	cu-cir,hs, ...	8
2	oy-clear, ...	0	clear, ...	0	clear, ...	0	ny-clear, ...	0	sc cu,cir-st, ...	2	cu-hor, ...	1
3	cir-st,cir-hs.... ...	3	cir-st,cir-hs, ...	2	cir-st,cir-hs,... ...	1	cir,cir-st,cir-hs, ...	2	cir-st,cir-hs, ...	1	cir,cir-st,cir-hs, ...	2
4	clear, ...	0	oy-clear, ...	0	clear, ...	0	clear.	0	oy-clear, ...	0	cir-st,cir-hs, ...	2
5	cir-hs,cir-st, ...	2	cir-hs,cir-st, ...	1	oy-clear, ...	0	cir,cir-st,cir-hs, ...	2	cir-st,cir-hs, ...	1	... ...	...
6	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	clear,...	0
7	clear, ...	0	clear,...	0	clear...	0	clear,...	0	sc-cu,hs.	4	cir,cir-st,cir-hs, ...	1
8	ny-clear, ...	0	cir-st,hs... ...	1	ny-clear, ...	0	sc-cu,cir-hs, ...	2	ny-clear, ...	0	cu cir-st, ...	2
9	cir-st,cir-hs,... ...	2	sy-clear, ...	0	clear, ...	0	ny-clear, ...	0	sc-co,cir-hs, ...	4	co cir-hs, ...	8
20	clear, ...	0	clear, ...	0	do.	0	clear, ...	0	clear, ...	0	clear, ...	0
1	oy-clear, ...	0	do.	0	do	0	do.	0	do.	0	3-cu,cu st,hs, ...	0
2	cir-hs,cir-cu-hor,...	2	lt-cu,cir-hs, ...	2	lt-cu,cir-hs, ...	2	cu,cir-st,cir-hs, ...	3	cu,cir-st,cir-hs, ...	4	... ...	...
3	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	oy-clear, ...	0
4	cir,hs-hor, ...	2	cir-hs-hor, ...	1	oy-clear, ...	0	ny-clear, ...	0	cir-st,cir-hs, ...	1	cir-cu,cir-st.	2
5	clear,...	0	cir-hs, ...	2	cir-hr, ...	1	do.	0	fl cu, ...	1	3 co, ...	2
6	cir-hs, ...	2	cir-hs,cir-st, ...	2	oy-clear.	4	clear.	0	clear, ...	0	clear, ...	0
7	clear.	0	clear, ...	0	clear, ...	0	sc cu,cir.	2	cu-hor, ...	1	co,cir-hs, ...	2
8	cir-st-hs,... ...	2	cir-st-hs, ...	1	do.	0	sc-co	2	sc-cu,cir-hs, ...	2	cu,cir,cir-hs,... ...	2
9	oy-clear, ...	0	cu-hor, ...	1	do.	0	oy-clear, ...	0	oy-clear, ...	0	... ...	...
30	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	sc cu, ...	2
1	3-cu,hs, ...	2	fl-cu,hs, ...	2	fl-cu-hs, ...	2	cu,cir-st, ...	1	sc-cu-hor.	2	cu-hz.	1

REMARKS ON THE WEATHER FOR THE MONTH OF APRIL, 1831.

Date.	NOON	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	cu,hs, ...	2	sc-cu,cu-st,hs, ...	3	cu, ...	1	sc-cu, ...	1	clear,...	0	clear,...	0
2	clear, ...	0	clear, ...	0	clear, ...	0	clear.	0	do	0	do	0
3	do.	0	do	0	do...	0	do...	0	do	0	do	0
4	do.	0	do	0	do	0	do	0	do	0	do	0
5	do.	0	do	0	lt-hs, ...	0	do	0	do...	0	... ...	...
6	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	do	0
7	do	0	do	0	clear, ...	0	do	0	do	0	do	0
8	do	0	do	0	do	0	do	0	do	0	cu,hor, ...	1
9	cu-hor, ...	1	do	0	do	0	cu hs, ...	3	sc-cu, ...	3	sc,cu,...	2
10	clear, ...	0	do	0	do	0	clear, ...	0	ny-clear,... ...	0	sc-cu,cir,cir-hs, ...	3
1	do	0	do	0	do	0	do	0	clear, ...	0	clear, ...	0
2	ny-clear,... ...	0	do	0	do	0	do	0	do	0	... ...	...
3	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	3-cu,cir,hz, ...	4
4	cir-hs,cir, ...	2	cir,hs,cir, ...	1	cir-hs,cir, ...	2	cir-hs cir, ...	4	cu.cir,cir-hs, ...	4	cu,cir,cir,hs, ...	2
5	cu,hs, ...	2	cir,cir-st,hs, ...	1	clear, ...	0	cir,cir-hs, ...	2	fl-cu,hs, ...	2	fl-cu, ...	2
6	cu-hor, ...	1	cu-hs-hor, ...	1	cir,cir-st,hs ...	1	cu.cir-hs,cir-st, ...	3	cir,cir,st,cir,hs ...	3	do	3
7	cu,cir-hs,cir-st, ...	3	cu,cir-hs,cir-st, ...	1	clear, ...	0	cir cir-hs, ...	1	cu,cir,hs, ...	1	do...	5
8	cir-hs cir-st, ...	3	cu,cir-st,hs, ...	2	cir-st,hs, ...	1	cir-hs,cir-st, ...	2	cu,cir,cir-st, ...	2	do	5
9	cu,cir-hs,nim, ...	5	cir-hs,cir-cu, ...	2	cu,hs.	2	sc-cu, ...	3	cir,cir-hs, ...	3	... ...	...
20	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	co cir st.	1
1	clear,..	0	clear, ...	0	clear, ...	0	clear, ...	0	fl-cu, ...	0	clear, ...	0
2	cir-hs,cir-st, ...	3	cir-hs,cir-st,cu, ...	3	oy-clear, ...	0	do	0	cu,hs.	0	sc-cu,hs, ...	2
3	cir-st,cir-hs, ...	2	cir-st,cir-hs,cu, ...	5	do	0	do	0	cir-cu,cir,st,hs, ...	0	3-co cir,hs, ...	0
4	do	8	sc-cu,cir-st, ...	7	cir-hs, ...	8	lt-cu,cir-hs,sh-lg-N,	8	cu,cir,hs, ...	3	cir-hs, ...	2
5	do	6	cir-hs,cir-st,... ..	3	ny-clear-lg-W.hor, ..	0	clear, ...	0	cu,hs, ...	0	cu,hs, ...	1
6	cir-cu,cir, ...	2	cu,cir-cu, ...	[illegible]	cu,cir-cu.cir-hs sh-lg-[NW	4	cu,cir-hs,nim,sh-lg-N,	8	co,cir-hs-nim,stlg N	8	... ...	...
7	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	oy-ovt, ...	[illegible]
8	cu,cir-hs. ...	7	cu,cir--hs, ...	7	ny-ovt, ...	7	ny-ovt.	7	ovt, ...	7	ovt,lg-w,... ...	7
9	cir-hs,cir-cu, ...	4	cu.cir-hs,cir-cu, ...	8	sc-cu,cir.st-lg-a, ...	2	cu cir,cir.hs-fgt,sh-lgS	4	cu,cir,cir,hs-nim-lg	4	cld,d-cu,lg,th, ...	8
30	cir-hs.cu, ...	7	cir-hs,cu, ...	8	cu,cir-hs,st-lg-a, ...	2	cu-hor,st-lg-3, ...	1	cu,cir,cir-hs,nim lg. ...	1	cu.cu-st,nim, ...	8

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard ... around
cld ... clouds or cloudy
cir ... cirri or cirrus or cirrous
cu ... cumuli or cumulo
D ... Dew
d ... dense
dis ... distant
dt ... detached
E ... East
fg ... fog
fk ... forked
fl ... flying
fr ... frequent
g ... ground
h ... heavy
hl ... halo
hor ... horizon
hz ... haze or hazy
ld ... loud
lg ... lightning
lt ... light
mt ... meteor
N ... North
nim ... nimbi
ny ... nearly
ovd ... overhead
ovt ... overcast
p ... peals
pt ... part or partly or partial
R ... Rain
r-b ... rain-bow
S ... South
sc ... scattered
sh ... sheet
st ... stratus
th ... thunder
thk ... thick
v ... very
vv ... vivid
W ... West

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REMARKS ON THE WEATHER FOR THE MONTH OF MARCH, 1851.

	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers. Radiation Sol.	Radiation Ter.	Air. Max.	Air. Min.
1	...	...	...	...	...	...	...	...	...	...	...	...	—	—	85·8	67·1
2	fl-cu, ...	4	cu,cir-st,cir-hz, ...	3	cir-cu,cir-hz, ...	3	cu,cir-st,cir-hz, ...	4	cu,cir, ...	2	cu,cir-st,cir-hz, ...	2	—	—	85·6	71·0
3	cu, ...	3	fl-cu, ...	1	cu,cir-hz, ...	1	cu,cu-st,cir-hz,	3	cu,cu-st,cir, ...	3	cu,cir-hz-hor, ...	1	—	—	85·8	68·8
4	se-cu,D, ...	4	cu, ...	1	se-cu,cir-hz, ...	2	ny-clear, ...	0	clear, ...	0	clear, ...	0	—	—	87·4	72·2
5	clear,D, ...	0	fl-cu, ...	2	cu,cir-hz, ...	2	fl-cu, ...	3	se-cu,cir, ...	2	ny-clear, ...	0	—	—	85·8	70·8
6	se-cu,cir-hz, ...	4	cir,cir-hz,cu, ...	4	cir,cir-hz, ...	3	cu,cir-hz, ...	3	cu,cir-hz,cir-st, ...	4	cu,cir-hz, ...	6	—	—	87·7	74·0
7	do. ...	6	cu,d-hz,nim, ...	8	do ...	2	cu,cu-st,cir-hz ...	3	cu,d-hz, ...	5	do ...	7	—	—	88·1	76·6
8	...	...	...	...	...	...	...	...	...	...	...	...	—	—	88·3	75·8
9	clear, ...	0	cir-hz-hor, ...	2	fl-cu, ...	3	cu,cir-hz, ...	3	cu-st,cir-hz, ...	3	cir-hz,cir-st, ...	4	—	—	87·2	73·7
10	cu,cu-st,hz, ...	3	cir-cu,cir-st, ...	4	cu,cir-cu,cir-hz, ...	3	ny-clear, ...	0	cu,cir-cu,cir-hz, ...	3	cir-cu,cir-hz, ...	6	—	—	89·0	73·4
1	cu,d-hz, ...	7	cir-cu,cir-hz, ...	7	do ...	5	cu,cu-st, ...	3	cu,hz, ...	2	ny-clear, ...	0	—	—	90·3	77·4
2	cu,cu-st,hz, ...	7	ny-clear, ...	0	se-cu, ...	1	ny-clear, ...	0	cir,hz, ...	2	cir-hz,cir-st, ...	1	—	—	90·6	74·5
3	fl-cu,hz, ...	3	cir-st,cir-hz,	2	cu,cu-st,cir-hz, ...	5	clear, ...	0	clear, ...	0	ny-clear, ...	0	—	—	89·1	73·3
4	cir-st,cir-hz, ...	2	clear,D, ...	0	clear, ...	0	lt-hz, ...	0	cir-st,hz, ...	3	cir-hz,cir st, ...	3	—	—	89·9	72·4
5	...	...	...	...	...	...	...	...	...	...	...	...	—	—	89·3	72·3
6	cir.cir-st,hz, ...	3	lt-hz, ...	0	do ...	0	clear, ...	0	clear, ...	0	clear, ...	0	—	—	89·0	71·6
7	ny-nvt, ...	7	cu,cu-st,hz,D,	4	se-cu, ...	1	ny-clear, ...	0	do ...	0	ny-clear, ...	0	—	—	89·1	73·2
8	cir-hz, ...	2	cir-st,hz, ...	2	do ...	1	cir,cir-hz, ...	2	cir-st,cir hz, ...	2	cir-hz,cir-st, ...	3	—	—	90·6	74·2
9	cu,cir hz, ...	4	ny-clear, ...	0	se-cu,cir, ...	2	clear, ...	0	clear, ...	0	clear, ...	0	—	—	91·1	75·3
20	fl-cu,cir,hz, ...	6	se-cu, ...	1	fl-cu, ...	3	ny-clear, ...	0	ny-clear, ...	0	ny-clear, ...	0	—	—	93·1	76·1
1	fl-cu,cir,hz, ...	5	ny-clear, ...	0	clear, ...	0	clear, ...	0	do. ...	0	do. ...	0	—	—	93·9	79·2
2	...	...	...	...	...	...	...	...	...	...	...	...	—	—	94·2	78·9
3	fl-cu,hz, ...	3	cu,cir-hz, ...	2	cu,cu-st,cir-hz, ...	4	cu,hz, ...	1	cir-hz,cir-cu hor,	3	cir-hz-hor, ...	2	—	—	91·4	78·0
4	do ...	3	ny-clear, ...	0	cu,cir-hz, ...	2	ny-clear, ...	0	ny-clear, ...	0	ny-clear, ...	0	—	—	90·7	77·0
5	lt-cu,hz D, ...	2	do ...	0	fl-cu, ...	4	se-cu, ...	1	cir-hz, ...	2	do. ...	0	—	—	90·1	73·6
6	cu-st,cir-cu,hz, ...	3	clear,D, ...	0	cu,cir-hz, ...	3	clear, ...	0	clear, ...	0	clear, ...	0	—	—	90·0	73·8
7	cu-st, ...	1	cir-hz, ...	1	lt-cu,cir, ...	3	cu,cu-st,cir, ...	3	cu,cir-hz, ...	2	cir-st,hz, ...	2	—	—	92·7	75·9
8	cu, ...	1	ny-clear, ...	0	se-cu, ...	2	cu,cu-st, ...	3	fl-cu,hz, ...	2	cu-hor, ...	1	—	—	94·0	78·1
9	...	...	...	...	...	...	...	...	...	...	...	...	—	—	93·2	79·1
30	fl-cu,cir, ...	4	cu,cir-cu, ...	3	cu,cu-st,cir-hz,	4	cu cu-st cir,hz, ...	3	cu,cir-st,hz, ...	3	fl-cu,hz, ...	2	—	—	93·4	79·7
1	fl-cu, ...	2	se-cu, ...	1	do ...	4	do ...	3	fl-cu,hz, ...	2	do. ...	2	—	—	92·4	78·7

REMARKS ON THE WEATHER FOR THE MONTH OF APRIL, 1851.

	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Sol.	Ter.	Max.	Min.
1	clear, ...	0	clear, ...	0	se-cu,hz, ...	3	se-cu, ...	2	se-cu-hor, ...	1	ny-clear, ...	0	—	—	91·6	76·5
2	fl-cu ...	1	do. ...	0	do. ...	3	se-cu,hz, ...	1	cu-hor, ...	1	do. ...	0	—	—	92·6	77·2
3	clear, ...	0	do ...	0	clear, ...	0	clear, ...	0	clear, ...	0	clear, ...	0	—	—	95·0	76·4
4	do. ...	0	do ...	0	do ...	0	do. ...	0	do. ...	0	do. ...	0	—	—	94·8	76·0
5	...	...	...	...	...	...	...	...	...	...	...	...	—	—	94·6	78·6
6	lt-cu,hz, ...	1	fl-cu,hz, ...	4	fl-cu,hz. ...	4	se-cu,hz. ...	2	do. ...	0	do. ...	0	—	—	92·1	80·9
7	clear, ...	0	cu, ...	1	se-cu, ...	2	se-cu, ...	1	se-cu, ...	2	se-cu, ...	1	—	—	90·8	74·7
8	do. ...	0	cu-hor, ...	2	do. hor, ...	1	do ...	7	do. ...	2	se-cu,cu-st, ...	3	—	—	91·8	74·1
9	fl-cu, ...	1	clear, ...	0	se-cu,hz, ...	2	do. ...	1	cu-hor, ...	1	cu-hor, ...	1	—	—	92·7	78·4
10	do. ...	1	do. ...	0	cu,cu-st, hz, ...	2	do ...	1	se-cu, ...	1	ny-clear, ...	0	—	—	94·0	78·6
1	clear, ...	0	ny-clear, ...	0	se cu, ...	2	do. ...	2	do ...	1	do. ...	0	—	—	94·0	79·1
2	...	...	...	...	...	...	...	...	...	...	...	...	—	—	93·8	79·5
3	fl-cu,hz, ...	2	fl-cu,cir,cir-st, ...	3	fl-cu,cir,cir-st, ...	4	se-cu,cir-hz, ...	3	se-cu,cir hz, ...	1	cu,cir, ...	1	—	—	93·7	80·0
4	cu,cir,cir-hz, ...	3	cir,cir-hz, ...	3	cu,cu-st,cir st, ...	4	cu,cu-st,cir-st,	2	se-cu,cir,cir-st,cir-hz	2	cu,cu-st,cir, ...	3	—	—	93·7	79·7
5	fl-cu, ...	2	cu,hz-hor, ...	1	se-cu, ...	2	fl-cu,cir-st, ...	2	se cu,cir hz, ...	1	cu-hor, ...	1	—	—	93·7	81·0
6	cu,cir-hz, ...	3	cir,cir-st,cir-hz,	2	se-cu,cir,cir-st, ...	3	cir-st,cir-hz cu,	2	cir-st,cir-hz,cu, ...	2	cu,cir-st, ...	2	—	—	94·2	80·3
7	cu,cir,cir-st, ...	2	cu,cir,hz ...	3	cu,cu-st,cir-hz, ...	3	se-cu,cir-st,	2	se-cu,cir-st, ...	1	do. ...	3	—	—	94·1	80·1
8	cu-hor,	2	se-cu-hor, ...	1	fl-cu,cu-st,hz, ...	5	fl-cu,cu-st,hz, ...	3	cu,cu-st,cir-hz,	3	cu,cir-hz,nim,th NW	3	—	—	93·8	80·1
9	...	...	...	...	...	...	...	...	...	...	...	...	—	—	94·1	80·3
20	se-cu,cir-st, ...	1	cir,cir-st, ...	1	ny-clear, ...	0	clear, ...	0	clear, ...	0	clear, ...	0	—	—	95·4	77·9
1	cu,hz, ...	3	cir-cu,cir-st,cir-hz	4	se-cu,cir-st, ...	3	cir,cir-st,cir-hz, ...	3	cir,cir-st,cir-hz. ...	2	cir-hz,cu, ...	2	—	—	95·8	79·6
2	do. ...	1	cir-st,cir-hz. ...	1	fl-cu,cu-st, ...	3	se cu, ...	2	cir-cu,cir-st,cir-hz,	2	cir-st,cir-hz. ...	2	—	—	96·2	81·2
3	cir,cir-hz, ...	2	cu,cir-cu, ...	3	cu,cir,hz, ...	4	cu,cir,hz, ...	3	cir,cir-hz, ...	2	cu,cir-hz, ...	1	—	—	96·6	82·8
4	cir-hz, ...	3	cir-cu,cir-st,cir-hz	3	cir-cu,cir-st,cir-hz,	4	cir,cir-st,cir-hz, ...	5	cir,cir-st,cir-hz,	4	cir-st,cir-hz, ...	4	—	—	97·6	83·3
5	cu,hz, ...	1	cu,cir,cir-st,d-hz,	3	cir-st,cir-hz, ...	3	cu,cir-st,cir-hz,	4	cu,cir-st,cir-hz, ...	5	cu,cir-st,d-hz, ...	4	—	—	95·9	83·5
6	...	...	...	...	...	...	...	...	...	...	...	...	—	—	96·2	82·1
7	cu,hz, ...	3	fl-cu,cir-hz, ...	5	cu,cir-hz, ...	3	se-cu,cir-st, ...	4	se cu,cir-st, ...	4	cu,cir-hz,cir,st, ...	5	—	—	96·2	82·1
8	ny nvt., ...	7	cu,cir-cu,d-hz,	6	cu,cu-st,nim E.,	8	cu,cu-st,cir,cir-st,	6	cu,cu-st,cir,cir-st,	4	cu,cir hz,cir-cu, ...	3	—	—	94·8	84·0
9	ovt., ...	8	cu,cu-st,cir-cu,	6	fl-cu,cu-st,cir-st, ...	6	fl-cu,cu-st,cir-st. ...	7	ovd-cir-cu,cir-st, ...	7	cir-hz,cu, ...	6	—	—	94·0	83·1
30	do. ...	8	nvt. ...	8	cu,cir-cu,cir-hz,	7	cu,cu-st,nim, ...	7	cir,cir-hz,cu nim,	3	cir-cu cir st,cir-hz,	6	—	—	94·6	82·5

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard ... around
- cld ... clouds or cloudy
- cr or cir ... cirri or cirro or cirrous
- cu ... cumuli or cumulo
- D ... Dew
- d ... dense
- dis ... distant
- dt ... detached
- E ... East
- fg ... fog
- fk ... forked
- fl ... flying
- fr ... frequent
- g ... ground
- h ... heavy
- hl ... halo
- hor ... horizon
- hz ... haze or hazy
- hd ... head
- lg ... lightning
- lt ... light
- mt ... meteor
- N ... North
- nim ... nimbi
- ny ... nearly
- ovd ... over head
- ovt ... overcast
- ps ... peals
- pt ... part or partly or partial
- R ... Rain
- r-b ... rain bow
- S ... South
- sc ... scattered
- sh ... sheet
- st ... strato
- th ... thunder
- thk ... thick
- v ... very
- vv ... vivid
- W ... West

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REMARKS ON THE WEATHER FOR THE MONTH OF MAY, 1851.

Date.	Gottingen Mean Time. NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	sir,cir-st,cu,nim ...	7	cu,cir,cir-st,cir-hz, ...	4	no,cir-hz,sh-lg-S, ...	4	cu,cir-hz,fr-lg-SE,	4	hy-cu,hz,fr-lg-E,S ...	6	ny-ovt,fr-lg-E,S ...	7
2	cord-cu,nim, ...	6	ovt,lt-R, ...	8	ovt,lt-R,... ...	8	ovt,R,fr-lg,th. ...	8	ovt,R.	8	uvt-R	8
3	ovt,lt-R, ...	8	nvt,do, ...	8	ovt R, ...	8	ovt,lt-R, ...	8	do....	8	... ...	...
4	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt R,fr-sh-lg-NW	8
5	ovt,...	8	ovt, ...	8	ovt, ...	8	nvt, ...	8	oy-ovt, ...	7	cu,d-hz, ...	7
6	cir-cu cu-st,d-hz,...	7	do.	8	do,lt-R, ...	8	do,lt-R.	8	cu,cir-cu,hs, ...	1	ny-clear,... ...	0
7	cu,cu-st,cir-st, ...	2	cu,cu-st,cir-st,nim, ...	4	cu-hor, ...	1	ny-clear, ...	0	clear,...	0	clear, ...	0
8	cir,cir-st,cu, ...	1	clear, ...	0	clear, ...	0	lt-hz,cu, ...	2	do.	0	do	0
9	oy-clear, ...	0	cir-st,cir-hz-hor, ...	1	lt hz, ...	1	cir-st,hz,... ...	2	cir-no,hz, ...	2	do	0
10	clear, ...	0	clear	0	clear, ...	0	clear, ...	0	clear, ...	0	... ...	...
1	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	do.	0
2	do.	0	do.	0	do.	0	do.	0	do, ...	0	do.	0
3	cir,cir-st,hz,... ...	2	sir,cir-st, ...	1	do.	0	ny-clear,... ...	0	ny-clear, ...	0	do.	0
4	cu,cir,cir-hz-hor,...	1	cu,cir,cir-hs. ...	3	cir-st,hz,... ...	3	cir-st,hs, ...	3	cir-st,hs, ...	2	cir-st,hz	1
5	clear,...	0	ny-clear, ...	0	oy-clear, ...	0	oy-clear... ...	0	ny-clear, ...	0	clear,...	0
6	do.	0	clear, ...	0	cir-hz, ...	4	cir-hs-hor, ...	3	do.	0	ny-clear, ...	0
7	do....	0	do.	0	cu,cir-hz,fr-lg-W. ...	2	cir-hs-hor, ...	2	cir-hs-hor,... ...	2	... ...	...
8	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	fl-cu,hs, ...	4
9	do....	0	fl-cu,cu-st, ...	3	cu,cir-hs,sh lg W.	6	fl-cu,hs,sh-lg S,...	5	fl-cu-hs, ...	3	ny-clear, ...	0
20	cu-st,cir,cir-hs, ...	3	cu,cu-st, ...	3	ou,cir-hs, ...	4	do.	4	do.	5	uo-hs, ...	1
1	clear,...	0	clear,...	0	do.	2	ny-clear,... ...	0	fl-co,...	2	oy-clear, ...	0
2	cir-st,cir-hz, ...	1	fl-cu, ...	1	co,hz-hor,sh-lg-N, ...	1	fl-cu,hs, ...	3	ny-clear, ...	0	cir-hs,..	1
3	cir-cu,cir-st,cir-hz, ...	4	cir-cu,cir-st,cir-hs, ...	4	sc-cu,cir,sh-lg-NW,	2	cir-cu,nim,fr-sh-lg-SW	5	cir-cu,-cu,hs, ...	4	cir-co,hs, ...	2
4	cu,cu-st,d-hz, ...	4	fl-cu,cu-st,nim, ...	6	ovt,sh-lg S, ...	8	ovt,sh-lg-SW ...	8	ovt,th,lg-NE, ...	8	... ...	...
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu,hs,.. ...	3
6	cu,cu-st,cir-st, ...	3	sir-st,cir-hs, ...	3	no-hor, ...	1	ny-clear, ...	0	fl-cu-	5	hy-cu,nim,R,lg-SE.	4
7	sc-cu,cir-st, ...	2	sc-cu,cu-hor, ...	1	clear, ...	0	clear, ...	0	clear,..	1	clear,...	0
8	sc-co,hz-hor, ...	1	oy-clear, ...	0	oy-clear,sh-lg-N, ...	0	oy-clear,sh,lg-N, ...	0	oy-clear, ...	0	lt-cu,cir,cir-st, ..	1
9	cu,cir-cu,cir-st,d-hz....	3	fl-cu,cu-st,nim, ...	6	oy-ovt, ...	8	no,cir hs,... ...	6	cu,d-hs, ...	4	cu,hs,sh-lg-SE, ...	8
30	fl-cu,cir-st,cir-hz,...	3	ro,cir-st	1	co,cir-hz,fr-sh-lg-hor,	3	nu,cir-hz,fr-sh-lg, ...	6	co,cu-st,hz,fr-sh-lg-S,	3	cu,cu-st,hs, ...	2
1	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...

REMARKS ON THE WEATHER FOR THE MONTH OF JUNE, 1851.

Date.	Gottingen Mean Time. NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
May 31	cu,cu-st,cir-hz, ...	4	co-st,hs, ...	1	cu,cir,sh-lg-S-W ...	1	oy-clear,sh lg-SW ...	0	cu,hs	1	... ...	...
June 1	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu,hs,lg-N ...	1
2	cir-cu,cir-hs, ...	6	cir-cu,cir-hs ...	7	cu,cir-hz, ...	7	co,cir-hs	5	cu.cir hs	6	cu,cr-hs ...	4
3	ovt,...	8	co,cir-hs	6	do.	6	do.	8	cu,cu st,cir,cir-st,lg,	6	co,cu-st,cir-hz ...	4
4	cu,cir-hs, ...	8	do.	8	cu,cir-hs	7	do	5	cu,cir-hs	7	cu,d-hs	7
5	cu,cir-hs,nim,lt R,sh,lg-N W	8	cu,nim,fr-th,lg w,lt-R	8	ovt,fr-sh-lg-NW	8	cu,cu-st,nim,fr-sh-lg-SW,	8	cu-st,d hz	6	co,co-st,d-hz ...	4
6	cu-hor, ...	3	cu-hor	2	cu hor...	1	lt cu,hz	1	ny-clear	0	cu,cir-hs	5
7	cu,cir-cu cir-hs, ...	5	co,cir-cu,cir,hs,nim	5	fl-cu,nim... ...	7	cu,cir-hs	5	cu,co st,d hs ...	6	... ...	...
8	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu,cir,d-hs ...	4
9	cu,cir-hs,nim, ...	8	co,cir,hs,nim,R ..	8	ovt	8	co,cir-cu,cir-hz, ...	7	ovt, ...	8	ovt, ...	8
10	cir-cu,cir-hs,.. ..	7	cir,cu,cir-hs,... ...	7	do	8	ovt, ...	8	do	8	ny ovt, ...	7
1	cu,cu-st,cir-cu,cir-st,cir	6	co,cir-st,cir-hs ...	4	cu,cir-co ...	7	cu,cir-cu, ...	7	cu,cir cu,hs ...	6	cu,cir-cu,hs ...	6
2	cu,cir-hs nim,lt-R ...	8	cu,cir-hs,nim ...	5	ovt	8	cu,cir-hs... ...	4	lt-cu cir.nir-hs ..	4	cu,cir,d-hs ...	7
3	cu,cir hz... ...	3	cu,cir-cu,cir-hs ...	5	cu,cir-hs,nim,R ...	8	ovt,...	8	cir-cu,cu-st,d-hz ...	6	cir,cir-cu,d-hz, ...	7
4	hy-cu,cu-st,nim,r-h- ...	6	cu,cu-st	5	ny-ovt, ...	8	co,cir-co,cir-hs ...	5	cu,cir-hz	3	... ...	...
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	clear	0
6	cu-hor-w	1	fl-cu,cir,fr-sh-lg-SW	2	cu,cir,fr-lg-W ...	3	ovt,lt-R,fr sh-lg,th-N,	8	ovt,R...	5	cu,cir-st,hz ...	6
7	hy-cu,cu-st, ...	3	cu,cir,nim-,fr-sh-lg-NW	2	cu,cu-st,fr-sh-lg-W	2	hy-cu,nim,lg,th-N ...	6	cu,cir-cu,cu-st,nim,lg	5	clear	0
8	cu,cir-hz... ...	6	cir-st,cir-hs,lt-cu, ...	6	nir-cu,cir-hs,sh lg-W	5	cir-st,hz... ...	3	oy-clear	0	cu,cu-st,hs, ...	4
9	no,cu-st,cir-st, ...	4	cu,cir st... ...	3	cu-hor, ...	2	cu,cir-hs,nim... ...	7	ovt	8	oy-ovt,nim ...	7
20	cu,cir,cir-hs,cir-st,	5	cir-hs,cir,st	7	cir-hs,cu,.. ...	7	cu,hs, ...	3	cir,cir-cu,cir-st,d hz	4	cu,cir,hs	3
1	nvt,...	8	ovt, ...	8	oy-ovt,fr-sh-lg-SW,	8	ovt,fr-sh-lg.SW,N ...	8	ovt,lt,fr-sh-lg-SW,N	8	... ...	...
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt,lt-R	8
3	cu,nir,hs	4	cu,cir hs,nim,sh-lg-W	7	cu-hor	2	co-hor	1	ny-clear,lg-N	0	clear	0
4	cu,cir-st-hor, ...	2	cir hs,cir,cir-st,cu, ...	3	ny-clear,... ...	0	oy-ovt	7	cu	4	do	0
5	sc-cu,cir-hs.	3	cu,cir-hs, ...	2	cu,cu-st,cir-hs,nim ...	7	cu,hz	3	cu,cu-st,nim,lg ...	5	do	0
6	cu,cir-hs.. ...	3	cir-hs,cu, ...	4	co,cir hs... ...	5	oy ovt	7	ny-ovt, ...	7	fl-cu,cir,d-hs... ...	6
7	cir-cu,cir-hs	5	cir-hs,cir-st,cu,sh-lg-SW	5	ro,-cir hs	4	cu-hs, ...	5	cu,cir,cir-hs	3	oy-ovt, ...	8
8	cir-cu,cir-hs ...	7	cir-hs,cu ...	6	cu,cir-hs-hor,sh-lg	2	cu,cir-hs,lg-W ...	5	oy-ovt, ...	7	... ...	...
9	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	nu,cir,hs... ...	8
30	cu,cir,cir-st, ...	2	cu,cir-st,lt-hz ...	2	ny-clear... ...	0	cu,hs,lg-SW,S ...	3	cu,cu-st,hz,lg-SW	4	cu,cu-st,hz,lg-SW ...	4

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard ... around
- cld ... clouds or cloudy
- cr or cir ... cirri or cirro or cirrous
- cu ... cumuli or cumulo
- D ... Dew
- d ... dense
- dis ... distant
- dt ... detached
- E ... East
- fg ... fog
- fk ... forked
- fl ... flying
- fr ... frequent
- g ... ground
- h ... heavy
- hl ... halo
- hor ... horizon
- hz ... haze or hazy
- ld ... loud
- lg ... lightning
- lt ... light
- mt ... meteor
- N ... North
- nim ... nimbi
- ny ... nearly
- ovd ... over head
- ovt ... overcast
- ps ... peals
- pt ... part or partly or partial
- R ... Rain
- r-b ... rain-bow
- S ... South
- sc ... scattered
- sh ... sheet
- st ... stratus
- th ... thunder
- thi ... thick
- v ... very
- viv ... vivid
- W ... West

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REMARKS ON THE WEATHER FOR THE MONTH OF MAY, 1851.

	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Thermometers. Radiant. Sol.	Ter.	Air. Max.	Min.
1	Ovt-nim,fr,v,lg,th	8	ny-ovt,...	7	hy-cu,cu-st,nim,th,	8	ovt-nim,fr-th,	8	ovt-R,fr-loud-th,...	8	ovt-R,	8	—	—	86·5	78·0
2	ovt,lt-R,	8	ovt,lt-R,	8	ovt-lt,R	8	ovt,R.	8	ovt-R,	8	do.	8	—	—	*	*
3	...	...	...	...	...	...	...	...	...	...	...	...	—	—	*	*
4	Ovt,R,fr-sh-lg-NW,th	8	ovt,R,fr.sh-lg,loud-th	8	ovt,R.	8	ovt,	8	ovt,	8	ovt,	8	—	—	83·6	76·0
5	ovt.	8	cir-cu,cir,st,	6	cir-cu,cir-hz,	3	cu,cir-cu,	3	cu,cu-st,cir-hz,nim,	6	cu,cu-st,cir-hz,nim,	7	—	—	90·6	78·3
6	clear,	0	cir,cir-st,hz,	1	ny-clear,...	0	ny-clear.	0	sc-cu,	2	sc-cu,cir-st,	2	—	—	91·6	76·5
7	cir-hz,	1	ny-clear,	0	clear,	0	cir,hz,	1	cir,cir-st, hz,	2	cir-st,cir,hz,	1	—	—	98·2	79·1
8	clear,	0	do.	0	do.	0	clear,	0	clear,	0	cir,cir-st-hor,	1	—	—	96·9	80·2
9	do.	0	clear,	0	do.	0	do.	0	do.	0	clear,	0	—	—	97·5	81·0
10	...	...	...	...	...	...	...	...	...	...	...	...	—	—	99·4	81·1
1	do.	0	do.	0	do.	0	ny-clear,	0	do.	0	do.	0	—	—	97·1	81·1
2	do.	0	cir-st,cir-hz,	2	cir-st,cir-hz,	2	cir,cir-hz,...	1	cir,cir-hz,	1	ny-clear,	0	—	—	95·6	79·8
3	do.	0	clear,	0	cir,cir-hz,	1	do.	3	cir,cir-hz,...	2	clear,	0	—	—	97·3	80·5
4	cir,lt-hz,	1	do.	0	lt-cir,cir-hz,	1	clear,	0	clear,...	0	do.	0	—	—	99·9	79·9
5	clear,	0	do.	0	clear,	0	do.	0	do.	0	do.	4	—	—	94·7	80·1
6	cir-hz,	1	ny-clear,	0	ny-clear,	0	do.	0	do.	0	do.	0	—	—	93·5	80·4
7	...	...	...	...	...	...	...	...	...	...	...	...	—	—	92·7	80·4
8	cir,cir-st,hz,	3	cu,cir-hz,	2	sc-cu,...	1	ny-clear,...	0	sc-cu,...	1	do.	0	—	—	94·8	81·9
9	cir,cir-hz,	2	clear,	0	fl-cu,hz,	3	sc-cu,	1	cir,cir-hz,...	2	sc-cu,cu-st,d-hz,	4	—	—	93·1	82·3
20	cir-hz,...	2	lt-cir-hz,	1	cu,cu-st,	2	do.	1	ny-clear,	0	clear,	0	—	—	93·0	82·1
1	fl-cu,cir,hz,	5	cir,cir-st,cir-hz,	4	sc-cu,	2	cir,cir-hz,	3	do.	0	cir-hz,	2	—	—	95·2	81·9
2	cir,lt-hz,	1	sc-cu,	2	ny-clear,	0	cir,cir-hz,...	2	cir,cir-hz,	2	cu,cu-st,cir-st,	5	—	—	99·6	82·6
3	cir-cu,cir-st,hz,	2	cir,cir-hz,cu,	2	d-hz,cir-st...	6	cu,cu-st,nim,...	8	cu,cu-st,nim,	6	fl-cu,cu-st,nim,d-hz,	5	—	—	87·0	83·2
4	...	...	...	...	...	...	...	...	...	...	...	...	—	—	88·8	77·7
5	cu,cir,cir-st,hr,	4	cir,cu,cir-st,nim,	6	cu,cu-st,cir-hz,	6	cu,cu-st,hz,	4	fl-cu,cu-st,	5	cu,cu-st,cir-st,...	3	—	—	90·0	78·7
6	hy-cu,nim-E-hor,	2	cu,cu-st,hz,	4	cu,cu-st hz,	4	cu,cir,cir-hz,	6	hy-cu,cu-st,nim,	4	cu,cu-st-W-hor,	2	—	—	90·6	80·0
7	clear,...	0	cir,cir-st,...	2	cir,cir-st,...	2	cir,cir-st,	2	ny-clear,...	0	sc-cu,hz-hor,...	1	—	—	97·2	80·0
8	lt-cu,cir,cir-st,	3	cir,cir-hz,	2	cir,cir-hz,cir-st,	4	cu,cu-st,cir-hz,	3	cu,cu-st,cir-hz,nim,	5	cu,cu-st,d-hz,	5	—	—	96·4	81·5
9	cu,cu-st,cir,cir-st,hz,	4	cu,cir-cu,cir-hz,	3	cu,cir-cu,cir-hz,	3	ny-clear.	0	ny-clear,...	0	sc-cu,cir-st,	2	—	—	101·5	82·9
30	cu,cu-st,cir-hz,...	3	cu,cu-st,hz,	2	cu,cir-cu,cir,cir-st,	4	cu,cu-st,cir,cir-st,...	4	cir,cir-hz,cu,...	3	cu,cir-hz,...	2	—	—	100·2	82·9
1	...	...	...	...	...	...	...	...	...	...	...	...	—	—	100·4	81·9

REMARKS ON THE WEATHER FOR THE MONTH OF JUNE, 1851.

	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Sol.	Ter.	Max.	Min.
1	cu,cu-st,cir-hz ...	4	cu,cu-st,cir-hz....	6	cir,cir-hz,cu,	5	fl-cu,cu-st,cir-hz...	7	cu,cu-st,cir-hz,...	6	cir-cu,cir-hz,	5	—	—	101·6	83·[illegible]
2	cu,cir-hz,	5	cu,cir-cu,cir-st,cir-hz	6	cu,cir-cu,cir-st,cir-hz,	3	co,cir-cu,cir-st,cir-hr	4	sc-cu,cu-st,cir-hz,	6	ovt,	8	—	—	101·2	84·0
3	cu,cu-st,nim,sh-lg	6	cu,cu-st,d-hz,...	7	cu,cir-cu d-hz,	7	cu,cir-cu,d-hz.	7	cu,cir-cu,d-hz,	7	cu cu-st,cir,d-hz....	6	—	—	99·2	84·3
4	cu,cir-cu,d-hz,...	7	cir-cu,	2	cir-cu,cir-st,...	2	cu,hz,...	1	cu-hor,	2	cu,cir-hz,	6	—	—	101·7	84·0
5	cu,cu st,cir-cu,nim,	7	cir-cu,cir-hz,	6	cir-cu,cir-hz,	3	cir-cu,cir-hz,	6	cu,cu-st,cir-hz,...	4	cu-hor,...	3	—	—	99·5	81·9
6	cu,cu-st-hor,	2	cu,cu-st,cir-cu,	2	cu,cir-cu,cir-st,	3	cir,cir-hz,	2	cir-cu,cir-hz,	3	sc-cu,hz,	2	—	—	101·5	82·0
7	...	...	...	...	...	...	...	...	...	...	...	...	—	—	100·1	84·4
8	cu,cir,d-hz,	5	cir-cu,cir-hz,	7	cir-cu,cir-hz,...	7	cir-cu,hz,	6	cir cu,d-hz,...	5	cu,cir-cu,cir hz,	7	—	—	99·9	84·0
9	ovt,	8	ovt	8	cu,cu-st,cir-hz,	6	cu,d-hz....	6	cu,d-hr....	6	cir-cu,cir-hz,	6	—	—	99·1	83·[illegible]
10	ny-ovt,..	7	cu,cu-st,cir-hz,	6	cir-cu,cir-hz,...	5	cir-cu,cir-hz....	4	cu.cir-cu,cir-st,	5	cu,cu st,cir,...	5	—	—	100·2	84·2
1	cu,cir,cir-hz,	5	cir,cir-hz,	4	cir,cir-hz,...	4	cu,d-hz,...	5	cu,d-hz,...	6	cu,d-hz,...	6	—	—	100·0	84·5
2	cu,cir,d-hz,	5	cir,cir-hz,cir-st,	4	cir,cir-hz,cir-st,	3	cu,cu-st,	2	cu,cu-st,	2	cu,cir-hz,	3	—	—	100·7	82·0
3	cir,cir-cu,d-hz,..	6	cir,cir-hz,cu,...	3	cir,cir-hz,...	2	clear,	0	cu-st,...	1	hy-cu,cu-st,hr,	5	—	—	99·3	82·[illegible]
4	...	...	...	...	...	...	...	...	...	...	...	...	—	—	100·6	80·[illegible]
5	clear,	0	clear,	0	clear,	0	do.	0	cu cu-st,...	1	cu-st-w-hor,	1	—	—	95·9	82·0
6	cu,cir-hz,	4	cu,cir,cir-st,cir-hz,	2	cir-st,cir-hz,...	1	sc-cu,hz,...	3	sc-cu,cir-hz,...	4	fl-cu,cu-st,	4	—	—	97·4	78·[illegible]
7	cir-cu,hr,..	2	cir,cir-cu,cir-hz,	2	cir,cu-st,cir-hz,...	3	cir-cu,cir-st,cir-hz,	3	cir,cir-st,cir-hz,...	3	cu,cir-hz,..	6	—	—	99·6	78·[illegible]
8	cir,cu-st,cir-hz-hor,	3	cu,cir-hz,	2	cir,cir st,hz,...	1	cir,cir-st,hz,	2	cu,cir,cir-st,hz,	3	cu,cu-st,cir-hz,	4	—	—	101·7	88·2
9	cu,cir,cir-hz,cir-st,	6	cir-cu,cir-hz,	6	cu,cir-co,cir-st,	6	cir-cu,cir-st,d-hz,	5	cir-cu,cir-st,d-hz,...	6	cu,cir-cu,cir-hz,	6	—	—	97·6	84·9
20	cu,cir,hz,	3	do.	4	cir-cu,cir-hz,...	5	cu,cir-cu,cir-st,	5	sc-cu,cu st,cir-st,cu-hz	7	d-cir-hz,cu,...	7	—	—	97·3	82·9
1	...	...	...	...	...	...	...	...	...	...	...	...	—	—	91·0	76·5
2	ovt,lt-R,...	8	ovt,	8	ovt,...	8	cu,cir,cir-hz,cu-st,	7	cu-st,cir-st cir-hz,	4	cu,cu-st,cir-st,	5	—	—	94·7	79·3
3	cu,cir,cir-st,cir-hz	3	cir-cu,cir-st,cir-hz	2	cir-cu,cir-hz,	2	sc-cu,	1	fl-cu,hz....	3	cu,cir-st-hor,	2	—	—	94·0	80·0
4	cir,cir-hz,	1	cir-st,cir-hz,...	2	cu,cir,cir-st,hz,	2	cir-st,c ir-h,...	1	cir-st, cir-hz,	2	sc-cu,cir-hz,..	3	—	—	97·3	81·3
5	cir,cir-st,hz,	2	cir-cu,cir-st,cir-hz,	3	cir-cu,cir-st,cir-hz	2	cir,cir-hz,...	1	sc-cu,cir-hz,	2	fl cu,hz....	3	—	—	97·8	81·9
6	fl-cu,cu,cir-st,d-hz,	6	cir,cir-st,d-hz,...	4	cir,cir-hz,cu,	5	cu,d-hz,	3	cir-cu,hz,...	5	cir-cu,cir-hz,	6	—	—	97·8	82·4
7	co,cir,cir-st,d-hz	4	cu,cir cu,cir-st,cir,hz	6	cu,cir-cu,cir-st,cir-hz	7	cir-cu,d-hz,	6	cu,cir-cu,d-hz,	7	cu,cir-cu,d-hz,...	6	—	—	96·9	82·9
8	...	...	...	...	...	...	...	...	...	...	...	...	—	—	97·0	80·6
9	cu,cir,hz,...	2	cir-cu,d-hz,...	2	cir,cir-st,hz,...	2	cir-hz,st,...	2	cu,cu-st,cir-hz,...	4	cu,cir,cir-st,...	4	—	—	95·2	81·8
30	cu,cir,cir-st,cir-hz	3	cu,cu-st,cir-hz,...	4	cu,cu-st,cir-hz,...	4	fl-cu,...	4	cu,cu-st,cir-hz,	3	cu,cu-st,cir-hz-hor,	3	—	—	94·2	82·6

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard.........around
- cld.........clouds or cloudy
- cr or cir...cirri or cirro or cirrous
- cu.........cumuli or cumulo
- D.........Dew
- d.........dense
- dis.........distant
- dt.........detached
- E.........East
- fg.........fog
- fk.........forked
- fl.........flying
- fr.........frequent
- g.........ground
- h.........heavy
- hl.........halo
- hor.........horizon
- hz.........haze or hazy
- ld.........loud
- lg.........lightning
- lt.........light
- mt.........meteor
- N.........North
- nim.........nimbi
- ny.........nearly
- ovd.........over head
- ovt.........overcast
- pa.........peals
- pt.........part or partly or partial
- R.........Rain
- r-b.........rain-bow
- S.........South
- sc.........scattered
- sh.........sheet
- st.........stratus
- th.........thunder
- thi.........thick
- v.........very
- vir.........vivid
- W.........West

* The Maximum and Minimum Thermometers have been taken out from their place on account of the Storm.

REMARKS ON THE WEATHER FOR THE MONTH OF JULY, 1851.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	cu,cu-st,cir-hz-hor, ...	3	cu-hor, ...	2	cu-hor,lg-W.	1	cu zo-st,lg-SW,... ...	5	co,cu-st, ...	4	cu,hz	2
2	cu,cir,cir st,cir-hz,...	3	cu-hor,cir-st, ...	1	zlear,lg-SW-hor, ...	0	clear, ...	0	zu,hz, ...	1	cu,nim lt-R sh-lg-NW	3
3	cu,cir,cir st-hor, ..	2	zu,hz,...	2	zo,hz,lg-W	2	cu,hz,lg-W, ...	1	co,cu-st,hz, ...	2	cu,haz, ...	2
4	ovt,lt-R, ...	8	oy-ovt,lg-SW	7	cu,cu-st,hz,lg-SSW,WSW,	4	ny-clear,lg-SSW-hor,	7	co,cir-hz,fr-sh-lg-NW,	6	ovt,lt-R,sh-lg-E, ..	8
5	cu,cu-st,nim, ...	7	ovt,R.	8	ovt,lg-S	8	ovt, ...	8	ovt, ...	8	... ...	
6	... ...	...	... ...	...	... ...		... ...	...	.. ..	...	ovt,sh-lg-S, ...	8
7	fl-zu,cu-st,cir-cu, ...	6	ny-ovt, ...	7	ovt, ...	8	ovt, ...	8	cu,cir-hz, ...	6	oy-ovt, ...	7
8	ny-oyt....	7	cu,cu-st,d-hz, ...	7	zu,cu-st,cir-cu,d-hz,*	6	do.	8	ovt, ...	8	ovt, ...	8
9	ovt.	8	ny-ovt, ...	7	cu,cir-cu,cir-st,hz, ...	5	cu,cir-cu,hz, ...	3	cu,cu-st,hz,lg-E, ..	[illegible]	cu,cu-st,hz,lg-R, ...	6
10	ny-ovt..	7	do...	7	oy ovt,..	7	ovt	8	cu,hy-cu, ...	[illegible]	cu,cir,hz, ...	5
1	fl-zo,cu-st,cir-hz,nim,.	7	zu,cu-st cir,cir-st,d-hz,	6	cu,cu-st,hz,lg-W,N...	4	ovt,fr-viv lg,th,hy-R,	8	ovt sh-lg-SW,R, ...	[illegible]	ovt, ...	8
2	fl-cu,cu-st,hz,nim, ...	7	cu,cu-st,nim,hz,th-W	7	ovt,th-W.	8	ovt,R.	8	nat,lt-R, ...	[illegible]	... ...	
3	... ...	...	... ...	...	... ...		.. ..	...	... ...		ovt, lt-R,...	8
4	ovt,s-h-R, ...	8	cu,cu-st nim,... ...	7	ovt-nim,fr-sh-lg. ...	8	do.	8	do.	[illegible]	do. do.	[illegible]
5	cu,cir-hz, ...	6	ovt,lg-th-N,lt R, ...	8	ovt, nim,sh-lg-NE, ...	8	do	8	do, ...	[illegible]	do.	[illegible]
6	ovt.	8	ovt, ...	[illegible]	ovt, ...	8	ny-ovt, ...	7	do.	[illegible]	do	[illegible]
7	ny-ovt,...	7	oy-ovt, ...	7	cu,nim, ...	5	do. nim, ...	7	do, with nim, ...	[illegible]	do.	[illegible]
8	ovt, ...	[illegible]	ovt, ...	8	ovt, ...	8	fl-cu,hz,nim-E, ...	5	cu,co-st,d-hz, ...	[illegible]	do	[illegible]
9	do.	8	do.	8	cu,hz, ...	[illegible]	cu,cir-st,d hz, ...	7	cu,cu-st,hz, ...	[illegible]	... ...	
20	... ...	...	... ...		... ...		... ...	...	... ...	...	ovt,lt-R, ...	[illegible]
1	do.	8	cu,cir-cu,cir-st,hz, ...	[illegible]	cu,hz, ...	[illegible]	cir,cir-st,cir-hz,.	3	cu,cu-st,nim, ...	[illegible]	cu,cir,cir-hz, ...	[illegible]
2	cu,cir-hz,cir-st, ...	2	cu,cu-st,cir-st, ...	[illegible]	ny-clear,lg-SW, ...	1	cir,cir-st,cir-hz,lt-SW	3	cu,cu-st,nim,lt-R,lg,	7	fl-cu,nim,sh-lg-NW,	[illegible]
3	ovt.	8	ovt, ...	[illegible]	cu,d-hz, ...	[illegible]	ny-ovt,lg-W hor, ...	8	fl-cu,d-hz,.	[illegible]	ny-ovt, ...	[illegible]
4	cu,cir hz, ...	7	cir,cir-hz,cir-cu, ...	6	cu,d-hz,lg-SW. ...	5	cu,d-hz,lg-SW, ...	7	cu cir,cir-st,hz, ...	[illegible]	co,cir,cir-st,d-hz, ...	[illegible]
5	cu,nim,cir,hz, ...	7	cir,nim,hz,th-SE ...	7	co, hz, ...	4	cu,cu-st,d-hz,lg-SW,N	[illegible]	cu,cir-hz, ...	4	cu,cir-hz, ...	[illegible]
6	fl-cu,cir,hz, ...	5	cu,cu-st	[illegible]	ny-ovt,lg th-W, .	7	cu,cir-st,nim,sh lg-W.	4	cu,cir,d-hz, ...	8	... ...	
7	... ...	...	... ...	...	... ...		.. ..	...	... ...	..	cir,cir-hz,cir-st. ...	7
8	cu,cir,hz,cir-st, ...	4	cu,cu-st,nim,hz, ...	5	ny-ovt,lg NE,lt R.	7	ovt, ...	8	cu,d-hz, ...	[illegible]	ny-ovt.	7
9	cu,cir-cu,cir-hz,nim,	6	cu,nim-lg S	6	ovt sh-lg-SE-hor,R.	8	ovt,fr-sh-lg-SSW,lt-R	8	ny-ovt	[illegible]	ovt	[illegible]
30	ovt, ...	8	ny-ovt,...	7	ovt,lg-SE, ...	8	ovt, ...	8	ovt, ...	8	do.	[illegible]
1	do.	8	ovt, ...	8	do.	8	do,...	8	do.	8	do, lt-R, ...	8

REMARKS ON THE WEATHER FOR THE MONTH OF AUGUST, 1851.

Date.	NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	ny-ovt,nim-W.... ...	7	cu,cu-st,cir-st,hz ...	7	ovt...	8	ovt....	8	ovt.	8	ovt, ...	8
2	fl-cu,cu-st,nim,d-hz,	6	ovt, ...	8	cu,oim, ...	7	cu,zu-st,hz,nim, ...	5	cu,cir,cir-st,cir-hz ..	3	... ...	...
3	... .	...	... ...	...	... ...	.	. ...	...	... .	...	ny-ovt, ...	7
4	cu,cir-hz,nim, ...	7	cu-st,cir-cu,hz, ...	7	ovt-nim ...	8	ovt, ...	8	cu,zir-cu. ..	7	sc-cu hor,... ...	2
5	cu,hz nim, ...	6	cu,cu-st,hz, ..	6	cu,cu-st,cir-cu-lg-SW	6	cu,cir-st,cir-hz,lg-SE,W	3	cu hz...	2	clear,...	0
6	cu, zir-hz,nim, ...	7	cir,cu-st,hz, ...	7	cir,cir-cu,cir,st, ...	5	fl-cu,cir-cu,cir-st,hz..	4	cu,cu-st,cir-st,hz....	5	cu,cu-st,cir-st,hz,...	[illegible]
7	cu,cir,hz,nim,.	6	cu,cir,hz,nim, ...	6	cu,cu-st,cir-cu,cir-hz,nim,	7	fl-cu,cu-st,hz. ...	7	ovt,nim,sh-lg.S. ..	8	ovt,sh-lg-SW.	6
8	cir-cu,cir-st,zir hz,	3	cu,cir-st,hz, ...	3	zu,cir-st,cir,hz, ...	3	cir,cir-st.... ...	1	cir,cir-st	1	zir,cir-hz,cir-st, ...	4
9	cir-hz,co,... ...	2	fl-cu,cir-st,hz, ..	3	cu,cir-cu,... ...	6	co,cu-st,nim... ...	7	oy-ovt	7	.. ..	...
10	... ...	...	... ...	..	... ...	..	... ...	...	... ...	..	co,cir,cir-hz,cir-st,	6
1	cu-hor, ...	2	cu,cu-st,... ...	3	cir-zu,cu-st,hz,lg-W.	6	fl-cu,cir,-st,cir,fr-lg-WSW	4	cu,co-st, ...	2	oy-ovt,lt-R, ...	7
2	cu,cir-co.	1	cu-st,cir hz,... ...	2	clear, ...	0	cir,cu-st,cir-cu,sh-lg-SW	4	cu,cu st,cir-cu, cir-st,lg S	3	ovt,nim,sh-lg-S.	8
3	cir-st,hz,... ...	3	cir-st,cu,hz, ...	4	cir-st,hz, ...	2	cu-st,hz,lg-SW, ..	2	cu,cu-st,cir-hz, . .	5	cu,cir,cir-hz,cir-st, ...	6
4	d-cir-hz,cu, ...	4	cu,cir-cu,cir-hz, ...	3	cir-cu,cir-st,cu,hz	4	fl cu,cu-st,hz,... ..	6	cu,cir-cu,hz, ...	4	cu,cir-cu,hz, ...	4
5	cu-hor, ...	1	cu-hor,cir-st, ...	1	cu hor,cir-st, ...	1	cu,cir-cu,cir,sh-lg-W-hor,	2	cu,cir-cu,cir-hz,hl-☾ ...	3	cu,cir,cir-st,sh-lg-N,	5
6	cu,cir hz,nim,dis-th...	6	cu,cir-hz, ...	7	cu-st,hz.... ...	3	fl-cu,cu-st,nim,sh lg-NW	7	ovt,hy-R,fr-sh-lg,dis-th....	[illegible]	... .	..
7	... ...	...	... ...	...	... .	...	... ...	...	... ...	...	cir,cu,cr-hz, ...	7
8	cr,hz,cr-st,cu, ...	3	cr,cr-st,hz, ...	3	cu-st,hz,lg-SW. ...	2	oy-clear,fr-lg-NW,SW	8	fl-cu,cu-st hz,... ...	6	cu,cr,cr-st,lt-R, ..	4
9	cu,nim,fr-th lg-SW,lt-R.	7	cu,cr cu,cu st,hz,nim,lg,	3	cu,cu-st,nim,lg,th. ...	4	cu,cu-st,hz,nim, ...	7	ovt,nim. ...	6	cu,cr,cr-st,cr-hz,lt-R,	7
20	cu,cir-hz,nim,... ...	8	cu,cu-st,d-hz,... ...	8	ny-ovt.	7	cu,d-hz,lg-SW,S ...	6	ny-ovt,sh-lg-SW,S. ...	7	oy-ovt, ...	7
1	ovt,dis-th, ...	8	ovt,nim,... ...	8	ovt,nim,lg-S	8	ovt, ...	8	ovt,nim, ...	8	ovt, ...	8
2	cu,cr-zu,cr-hz, ...	7	do	8	ovt,lt-R... ...	8	do...	8	do.	8	do....	8
3	cu,cr-hz,nim, ...	8	cu,cr-cu,nim,... ...	8	cu nim.	8	ny-ovt, ...	7	do.	8	... ...	..
4	... ...	...	... ...	.	... .	...	... .	...	... ...	..	do...	[illegible]
5	ovt, ...	8	cu,cr-st,d-hz,... ...	7	ovt,nim,lg-th,R, ..	8	ovt,sh-lg-SSW. ...	8	ovt,lg-SW.... ...	8	ny-ovt, ...	7
6	cu,cr-hz,nim,.. ...	[illegible]	hy-cu,nim,viv-lg th..	8	do. viv-sh-lg-th...	8	do.fr sh lg-E	8	do...	8	cr,cr-hz,cu, ...	6
7	cu,cr,hz,cr-st, ...	[illegible]	cu,cr-hz,cr-st,... ...	7	cu,cu-st,nim, ...	7	zu,nim,fr-lg-SE...	3	cu,hz,lg-NE, ...	2	clear, ...	0
8	cu,cr-hz,nim,.. ...	[illegible]	cr-zu,cu-st,cr-st,hz,	4	cr-st,hz	[illegible]	fl-cu,cr-hz.	5	fl-cu,cr,lg-NE,S. ...	2	ovt,nim,... ..	6
9	do.	8	cr-cu,hz, ...	5	ovt,lg-...	8	ovt,fr-sh-lg-NE...	8	fl-cu,cu-st,nim,sh-lg-SW	6	do,...	8
30	do....	[illegible]	cu,cr-hz,nim, ...	7	cu,nim,d-hz. ...	[illegible]	ovt,R.	8	ny-ovt.	7	... .	...
1	... .	...	... ...	...	.. ...	.	... ...	.	... ...		cr,cr hz,cu, ...	1

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard...around
cld...clouds or cloudy
cr or cir...cirri or cirro or cirrous
cu...cumuli or cumulo
D...Dew
d...dense
dis...distant
dt...detached
E...East
fg...fog
fk...forked
fl...flying
fr...frequent
g...ground
h...heavy
hl...halo
hor...horizon
hz...haze or hazy
ld...loud
lg...lightning
lt...light
mt...meteor
N...North
nim...nimbi
ny...nearly
ovh...over head
ovt...overcast
pa...peals
pt...part or partly or partial
R...Rain
r-b...rain-bow
S...South
sc...scattered
sh...sheet
st...stratus
th...thunder
thi...thick
v...very
viv...vivid
W...West

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REMARKS ON THE WEATHER FOR THE MONTH OF JULY, 1851.

	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Thermometers Radiation Sol.	Ter.	Air Max.	Min
															°	°
1	cir,cir-hz ...	1	cir-cu,hz ...	3	cir-st,hz	2	sc-cu,cu-st,nim ...	4	cu,cu-st,cir-st nim	3	cu,cir,cir-st,cir hz...	3	—	—	95·5	82·2
2	cu-hor ...	2	cir-cu,cir-hz	3	cu,hc ...	3	cu,cu st,cir-hc	6	cu,cu-st,cir-hz [NW	3	cu,cu-st,cir st hor	3	—	—	95·4	80·5
3	cu,cir,cir-hz ...	3	do.	4	cir-cu,cir-hz ...	4	cir cu,cir-hz ...	6	fl-cu,cu-st,cir-hz ..	6	fl-cu,cu-st,cir-hz,nim,th.	6	—	—	97·2	83·3
4	ny-ovt ...	7	ny-ovt ...	7	cir-cu,cir-st ...	6	cu,cu st,cir-hc	6	cu,cu st,cir-cu,cir,hz	7	cu,cu-st,cir-st,cir-hz,[NW	5	—	—	93·1	78·6
5	... .	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	88·3	77·7
6	Ovt ...	8	Ovt ...	8	Ovt	8	Ovt ...	8	Ovt	8	ny-ovt	7	—	—	90·0	78·7
7	ny-ovt ...	7	cir-cu,cir-st ..	3	cir-cu,cir-st ...	4	cir,cir-st,cir-hz ...	4	cir-cu,cir-st,d hc ...	7	cu,cu st,hc,nim	8	—	—	94·2	79·3
8	Ovt,sh-lg-E	8	cir-cu,cir-hz	4	cu,cir-cu,cir-hz	6	cu cir-cu,cir-hc	6	cu,cu-st,d-hz ...	7	cu,cu-st,d-hz ...	8	—	—	92·1	80·9
9	do do. ...	8	Ovt	8	Ovt	8	cu,cu-st,cir-hz ...	6	do ...	7	ovt-nim ...	8	—	—	91·6	80·6
10	cir-cu,cir-hz	8	cu,hz	3	ny-clear ...	0	cir-cu,cir hz ...	2	sc cu,cir,cir st	4	fl-cu,cu st,cir hz .	7	—	—	95·7	79·8
1	Ovt	8	Ovt	8	Ovt	8	Ovt	8	ny-ovt	7	cu,cu st,d hc ...	6	—	—	92·1	76·0
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	98·0	74·0
3	do.	8	do.	8	do	8	do.	8	Ovt	8	ny-ovt	7	—	—	93·3	78·5
4	do. ...	8	ny-ovt ...	7	ny Ovt ...	7	cu,cir hz ...	7	ny ovt ...	7	Ovt	8	—	—	98·1	79·4
5	do.	8	Ovt	8	Ovt	8	Ovt	8	Ovt	8	do....	8	—	—	90·6	78·8
6	do. ...	8	do. ...	8	do.	8	do.	8	ny ovt ...	8	ny-ovt	7	—	—	92·8	80·2
7	do.	8	do.	8	do.	8	ny-ovt	7	Ovt	7	Ovt	8	—	—	99·0	80·0
8	do. ...	8	do. ...	8	do.	8	cir,cir-hz,cu ...	8	cir,cir-hz,cu ..	8	cir,cir-hz,cu ...	6	—	—	93·1	79·4
9	.. ..	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	94·2	81·0
20	do.	8	ny-ovt	7	do.	8	Ovt	8	Ovt	8	Ovt	8	—	—	87·1	77·6
1	do.	8	cu,cir cu,cir-st,cir-hz	6	cir,cir-hz,cu ...	6	cir,cir-hz,cu ...	6	fl-cu,cir-hz ...	6	fl cu,cir hz,nim ...	6	—	—	93·9	79·6
2	do.	8	ny-ovt	7	Ovt	8	Ovt	8	Ovt	8	Ovt	8	—	—	90·0	78·0
3	ny-ovt ...	7	cir-cu,cir-hc	7	cu,cu-st,cir hz ...	4	ny-ovt	7	cu,cu-st,cir,cir,hz	6	sc-cu,cu-st,cir-hz ...	7	—	—	94·1	79·0
4	cir,cir-hz,cu	6	cir,cir-hz ..	6	cir,cir-hz ...	8	cir,cir hc ...	6	sc cu,cir,cir-st,cir hz ..	2	fl-cu,cir hz ...	4	—	—	96·5	79·7
5	cu,cir,cir-hc ...	6	cir-st,cir-hc	5	cir,cu,cir-hz,cir-st	8	cir-hz,cir,cir-st ...	4	d-cir hz,cir-cu ..	7	cu,cir hz	5	—	—	98·8	80·4
6	... ...	...	... ...	...	.. ..	...	... ..	...	... ...	...	... .	...	—	—	92·7	77·8
7	cu,cir,cir-hz,cir-st	6	cir-cu,cir-st,cir-hz	7	cu,cir-cu,cir st,cir zh. .	5	cu,cir-cu,cir-st,cir-hz...	5	cu,cir-cu,cir-hc ...	5	cu,cir-cu,cir-hz ...	4	—	—	98·4	80·9
8	ny-ovt ...	7	cu,cu-st,cir-st ...	7	ny-ovt	7	cir-cu,cir-hc,cir st	6	cu,cu-st,cir-st	6	do. ... nim	7	—	—	96·7	81·5
9	Ovt ...	8	cu,cir-cu,cir-st cir	8	cu,cir-cu,cir-st,cir,hz	7	ny-ovt	7	Ovt	7	Ovt	8	—	—	94·3	80·3
30	do.	8	ny-ovt [hz	7	Ovt	8	Ovt	8	do.	8	do	8	—	—	91·5	78·6
1	do ...	8	Ovt	8	ny-ovt ...	7	ny ovt	7	ny-ovt	7	ny ovt	7	—	—	93·0	80·2

REMARKS ON THE WEATHER FOR THE MONTH OF AUGUST, 1851.

	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Radiation Sol.	Ter.	Air Max.	Min
1	Ovt	8	ny-ovt	7	Ovt	8	ny-Ovt	7	ny Ovt	7	ny-Ovt,nim-W ...	7	—	—	94·3	81·1
2	... ...	...	... ...	...	... ...	...	.. ..	...	... ...	...	... ...	...	—	—	93·2	81·3
3	ny-ovt ...	7	cu,cu-st cir-cu ...	7	cir-cu,cir-hz ...	6	cir-cu,cir-hz ...	7	cu,cir-cu,cir-hz ..	6	cu,cir-cu,cu,cir-st,cir-hz	6	—	—	96·2	81·5
4	cu,cir-hz ...	3	cir-cu,cir-hz,cir,st	7	do cir-st	7	cu,cir-cu,cir-hc	6	do	6	cu,cir cu,cir-hz,nim	6	—	—	98·5	80·6
5	do.	2	cir-cu cir-st ...	7	cir,cir cu,cir-hz ...	4	cir,cir-cu,cir-hc ...	3	do. ...	5	cu,cir-hz,nim ...	5	—	—	97·6	80·3
6	cu,cir,cir-hz [ld-th	4	cir,cir-hz,cu	5	cu,cir-cu cir-hz ..	4	cir,cir-st,cir-hz	5	cir st,hz	2	fl-cu,hz	2	—	—	97·5	82·5
7	ovt,hy-R,fr vv-lg,fr-	8	ovt,lt-R ...	8	Ny-Ovt	7	ny-Ovt	7	Ovt	8	cir-cu,d cir-hz ...	6	—	—	92·0	78·0
8	cir,cir-hz,cir-st	3	cir-cu,cir-st	2	cir-cu,cir st ..	2	sc-cu	2	sc cu	2	fl-cu	2	—	—	94·1	79·3
9	... ...	...	... ...	...	... ...	...	... ...	...	.. ..	...	... ...	...	—	—	91·8	78·1
10	cu,cir,cir-hz,cir-st	6	cir-cu,cir-st,cir,hc	6	cir,cir-hz,cir-st ...	4	cir-st,cir-hz ...	2	cu,cir hz	1	fl-cu	2	—	—	94·2	79·6
1	ovt,hy-R,sh-lg-W	8	ovt,lt-R ...	8	ny-Ovt	7	ny-Ovt	7	do, ...	2	cu,cir-cu,cir hz ...	3	—	—	91·7	78·9
2	ovt,lt-R ...	8	do, ..	8	fl-cu,cu-ct,nim ..	7	cu,cir-hc	2	fl-cu,hc	3	co	1	—	—	92·3	76·9
3	cc,cir,cir-hz,cir-st	6	cu,cu-st,hz,nim-E	5	cu,cu-st,cir-hz ...	3	cir-hz,cir-st	3	cir,cir-st	3	cir hz,lt-cu	4	—	—	94·2	80·4
4	cir,cir-hc,cir-st	5	cir-cu cir-st,cir.hz	7	cir-cu,cir-st,cir-hz	6	cir cir-st,hz ...	4	clear	0	ny-clear	0	—	—	94·2	77·5
5	do. ...	6	ny-ovt	7	cu,cir-cu,d hz ...	7	cu,cir-cu,d-hz ...	4	cu,cir,cir-st	3	fl-cu,cir-hz,nim,lt-R	5	—	—	95·6	79·7
6	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	89·1	75·1
7	cu cir,cr-hz ...	8	cr,cr-ct,cr-hz ...	3	sc-cu,cr,cr-st,cr-hz	4	fl-cu	4	sc-cu,cr hz,cr-st ...	5	cr-hz,cr-st,cu ...	4	—	—	91·8	78·4
8	cr,cr-st ...	2	cr,cr-st,cu ...	3	cr-cu,cr,cr-hz ...	3	cr,cr-st,cr-hc ...	3	cr hz,cu	5	cu,cr-hz,nim ..	5	—	—	94·3	77·9
9	cu,cr,cr-st,cr-hz	8	cr cu,cr-st,cr hz,cu	7	cir,cr-cu,cr-st,d-hz	6	cu,cr-cu,d-hz ..	7	cu,cr-cu,d-hz ...	7	cu,cr-cu,d-hz ...	7	—	—	90·3	78·6
20	ny-ovt	7	Ovt	8	cu,cr-cu,cr st,cr-hz	6	cr-cu,cr-hz ...	5	cu,cr-cu,cr-hz ...	7	cu,cr-hz,nim ...	7	—	—	92·0	79·0
1	ovt	8	do.	8	cr-cu,cr,cr-hz,cr-st...	6	cr-cu,cr-hz,cu ...	7	cr-cu,cr-hz,cu ...	7	cr-cu,cr-hz,cu ...	7	—	—	89·9	78·5
2	do	8	ny-Ovt... ...	7	cr-cu,cr,d-hc ...	7	cr-cu,d-hz ...	7	cr-cu,d-hz ...	7	Ovt	8	—	—	91·4	78·6
3	.. ...	...	... .	...	... ...	...	... .	...	... ...	...	... ...	...	—	—	90·2	79·4
4	do.	8	do, ...	7	cr,cr-cu,cr-hz ...	6	cr-cu,cr,cr-hz ...	5	cr-cu,cr-hz ..	7	do.	8	—	—	92·1	79·2
5	cr cr-hc,cu ...	4	cr-cu,cr,hz,cr-st,..	7	cr-cu,cr-hz,cr-st	5	cu,cu-st,cr,cr-hz ...	6	cu,cr-hz,nim,lt-R ..	7	cu,cr hz,nim ...	7	—	—	92·4	77·0
6	cr,cr-hc ...	2	cr-cu,cr,cr-hz	6	cr,cr-hz,cu	6	cr-cu,cr,cr-hz ...	6	fl-cu,hz	4	do.	5	—	—	94·2	77·3
7	lt cr-hz,cr ...	1	cr-cu,cr-hz,cr-st	6	cu,cu-st,hc... ...	7	cu,cu st,d cr-hz ...	7	cu,cr-hz	8	cu,cr-hz ...	8	—	—	93·6	79·4
8	ny-ovt	7	do.	7	fl-cu,cu-st,cr-hz ...	7	cu,cu st,d hz ...	6	do. nim ...	8	do. nim ...	8	—	—	90·2	80·7
9	ovt,lt-R ...	8	Ovt	8	Ovt	8	Ovt	8	ny-Ovt	7	cu,cu-et,nim ..	7	—	—	92·0	79·8
30	... ...	...	... .	...	... .	...	... ...	...	... ...	...	... ...	...	—	—	93·6	78·3
1	clear ..	0	cr,cr-hz,cr-st ..	3	cr,cr-hz-hor ..	2	cr-clear	0	cu,cr-st	1	fl-cu,hz ...	3	—	—	96·0	79·0

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard ...... around
cld ...... clouds or cloudy
cr or cir .. cirri or cirro or cirrous
cu ...... cumuli or cumulo
D ...... Dew
d ...... dense
dis ...... distant
dt ...... detached
E ...... East
fg ...... fog
fk ...... forked
fl ...... flying
fr ...... frequent
g ...... ground
hy ...... heavy
hl ...... halo
hor ...... horizon
hz ...... haze or hazy
ld ...... loud
lg ...... lightning
lt ...... light
mt ...... meteor
N ...... North
nim ...... nimbi
ny ...... nearly
ovd ...... over head
ovt ...... overcast
pe ...... peals
pt ...... part or partly or partial
R ...... Rain
r-b ...... rain-bow
S ...... South
sc ...... scattered
sh ...... sheet
st ...... stratus
th ...... thunder
thi ...... thick
v ...... very
vw ...... wind
W ...... West

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REMARKS ON THE WEATHER FOR THE MONTH OF SEPTEMBER, 1851.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	cu,cr-hz.nim...	6	hy-cu,nim,cr	6	cr-cu,hz	6	cu,cr,cr-st,cr-hz	2	cu,cu-st,cr-hz,sh-lg NE	3	cu,cr-hz,sh-lg-E	1
2	cu,cr-hz	4	cr-st,cu	1	cr,cr-st,hl-☽	1	fl cu,cu-st,cr-hz	7	cu,cu-st,nim,R,lg	6	ny-ovt	7
3	cu,cr-hz,cr-st	5	cr-st,cr-hz	2	cu,cr,cr-st	3	cu,cr,cr-st	3	cu,cr-hz	3	clear	0
4	sc-cu,cr-hz	4	cu,cu-st,hz	2	fl-cu,cu-st,cr,cr-st	4	cu,cr-hz,cr-st	3	cu,cr-cu,cr-hz	7	cr,cr-hz	1
5	cu,cu-st,cr-hz,nim	7	cu,cu-st,nim,lg-SW	6	cu,cr,cr-st	2	cu,cr-hz,cr-st	6	cu,cr-hz,nim	8	cu,cr-hz,nim,sh-lg-S	8
6	cu,cu-st,cr-st,cr-hz	5	cu-st,cr-st,hz	2	fl-cu,cu-st,cr-st	3	cr-cu,cr-hz	5	cr-cu,cr-hz	4	...	...
7	...	...	...	...	...	...	...	...	...	...	cr,cr-hz,cu	7
8	sc-cu,cr-st-hor	3	cu,cir-cu,cir,cir-st	4	cu,cu-st,hz	7	ovt,lt-R	8	ovt,sh-lg-S	8	cr,cr-hz,cu	7
9	sc-cu,cu-st,cr-hz	4	cu,cu-st,cr,cr-st	3	sc-cu,cr-st,cr-hz	4	cu,hz	3	cu,hz	2	clear	0
10	sc-cu,cr,cr-st,cr-hz	4	lt-cu,cr-st	1	cr-cu,cr-st,cr-hz...	7	cr,cr-st,hz	5	cu,cr-st,hz	4	cu,cr-st,hz	6
1	sc-cu,cu-st,cr-hz	6	cu,cu-st,nim...	7	cu,cu-st,cr,cr-hz	6	cr-hz,cr-cu,hl-☾	7	cr-hz,cr-cu	7	hy-cu,cr-hz	7
2	cu,cu-st,cr-st,cr hz	6	cu,cr-st,cr	2	cr-hz,cr-st	7	cr hz,cr-st	7	cr-st,cr-hz,cu	6	cu,cr,cr-st,cr-hz,nim-w	8
3	cu,cu-st,cr-hz,nim	4	cu,cu-st	1	cu,cr-cu,sh-lg-SW-hor	3	cr-cu,cu,cr hz	7	cu,cr-hz...	6	...	...
4	...	...	...	...	...	...	...	...	...	...	cr,cr-hz	1
5	cu,cr-st,hz	5	cu,cr-st,hz	2	cr,cr-st,cr hz,lg W	3	cr-hz,cr-st	6	cu,cr-st,hz	5	do.	1
6	cu,cu-st,cr st,cr-hz	4	hy-cu st-W,lg,th	3	cu,nim,lg,th...	3	cu,nim,hz,fr-th,lg	7	ny-ovt,th,fr lg-W...	7	ny-ovt	7
7	cu,cu-st,cr-st,cr-hz	3	hy-cu-st-W,lg,th...	3	cu,cu-st,nim,lg-W	4	cu,nim,sh-lg-W	6	cu,nim,lg-SW	8	ovt	8
8	cu,cu st,cr-st,cr-hz	3	cu,cu-st,cr-st,hz,lg-N	4	cu,cu-st,hz,lg th	6	cu,nim,fr-sh,lg-N	6	ny-ovt,sh-lg S	7	cr-cu,cr,cr-hz	5
9	cr-cu,cr-st,cr-hz	6	cu,cr-st	3	cu,cr-cu,cr-st,d-hz,lg-NW	5	cr-hz,cu	3	cu,cr-hz,sh-lg-N	3	cu,cr-hz,sh-lg-NE	2
20	ny-ovt ...	7	cu,d-hz	0	cu,d-hz	5	cu,hz	3	cu,cr-hz	3	...	...
1	...	...	...	...	...	...	...	...	...	...	cu,cr,cr-hz	2
2	sc-cu,cu-st,cr-hz,nim	4	cu,cu-st,cr	4	cu,cu-st,cr	6	cr-cu,hz ...	5	fl-cu,hz ...	3	do.	4
3	cu,cu-st,cr-cu,hz	7	ovt	8	ovt	8	ovt	8	ovt ...	8	ovt, sh-lg-E	8
4	cu,cr-cu,cr-st,cr-hz	5	cu,cu-st,cr-st,hz,lg-NW	4	cu,cu-st,cr-st,hz, lg W	6	cu,hz	4	cu,cr-hz,sh-lg-NW	6	cu,cr,cr-hz ...	3
5	cu,cr hz,cr,cr-st	6	cu,hz-hor,sh-lg-SW ...	3	cu,hz,sh-lg-W	2	do ...	2	clear ..	0	cu,hz,nim-W	2
6	ovt,th-W...	8	ovt,sh-lg-NE	8	ovt ..	8	ovt	8	ovt	8	ny-ovt	7
7	cu,cu-st,cr-hz,nim	6	cu,cr,hz,lg-SW	3	cu,cr-cu,cu-st,hz,lg-SW	5	cu,cu-st,hz,lg-SW	4	cu-hor,sh-lg-NW	1	...	...
8	...	...	...	...	...	...	...	...	...	...	cu,cr,cr-hz,D	3
9	cu,cu-st,cr-hz,nim,tr-th	7	cu,cu st,cr,lg-NW	4	cu,cu-st,hz,lg	6	ovt,fr viv-lg,th...	8	ovt,fr-ps-th,viv-lg,R...	8	ny-ovt,viv-lg,R ...	7
30	cu,cr-cu,cr-st,cr-hz	4	cu-st,cr-st,lg-N ...	2	cr,cu-st,cr-hz	5	ny-ovt ...	7	cu,cr-hz...	6	ny-ovt,nim ...	7

REMARKS ON THE WEATHER FOR THE MONTH OF OCTOBER, 1851.

Date.	NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	cu,cu-st,cr-st,cr-hz ...	4	lt-cu,hz	1	lt-cu,hz,hl-☾ ...	2	cu-st,hz	3	ovt	8	ovt,viv-lg,fr-th	8
2	cu,cr,cr-hz,cr-st	5	cr,cr-st,cr-hz	3	cr,hz	1	cr,cr-hz ...	1	cu-hor	2	cu-hor	2
3	cu-st,hz	2	cu-st,hz	1	cr-cu,cu-st,hz	5	cr-cu,cr	7	ny-ovt ...	7	ny-ovt	7
4	cu,cu-st,hz	4	cu,cr-st,hz	4	fl-cu,cu-st,hz ...	5	cu,cu-st,cr,cr-hz	4	cu,cr,cr-hz	3	...	...
5	...	...	...	...	...	...	...	...	...	...	ovt,fr-lg-NE,th	8
6	cu,cr-cu,cr-hz	6	cu,cu-st,cr,cr-st,lg-N	4	hy-cu,cu-st,nim-lg-N	5	ovt-R,fr-sh-lg,hy-th	8	ovt,fr-sh-lg-th	8	ovt	8
7	cu,cu-st,cr,cr-hz	6	cu,cu-st,cr,cr-hz	4	ovt-lg,th-SW,R [W	8	ny-ovt,viv-sh-lg,th	7	doR,fr-sh-lg,th S,W	8	do	8
8	cu,cu-st,cr-hz,nim,fl,th	7	ovt,sh-lg,th	8	ovt-R,lg-S,NE	8	ovt,sh-lg S,NW	8	doR,sh-lg,th	8	do	8
9	cu,cu-st,cr-cu,cr-hz,	7	cu,cu-st,cr-hz,nim,lg w ...	7	do,S,N,th	8	do do N,NW	8	do sh-lg-S,NW	8	do R,lg,th	8
10	cr,d-cr-hz [nim,th	6	cr,d-cr-hz	6	cu,cr,d-cr-hz,lg,hl-☽	7	cr-cu,cr-st,d-cr,hz	6	fl-cu,cu-st,cr-hz	6	cu,hz	7
1	d-cr-hz,cr-st	5	cu,cu-st,cr,cr-st	3	fl-cu,cu-st,cr-st,hz,lg S	6	cr-cu,cr-st,hz	3	cu,cr-cu,cr-st,hz	5	...	...
2	...	...	...	...	...	...	...	...	...	...	cr-cu,hz ...	4
3	cu,cr,d-cr-hz	4	cr,cr-st,hz	3	cu,cr,cr-st	2	lt-cu,cr-st,cr-cu,cr	2	cr-cu,cr-st,cr-hz	3	cr-cu,cr-hz	3
4	d-cr,cr hz	6	cu,cu-st,d-cr,cr-hz	6	ny-ovt	7	ny-ovt	7	ovt	8	ovt	8
5	cu,cu-st,cr,cr-hz	3	cu,hz	2	cu,cu-st,nim-lg-N	7	fl-cu,cu-st,hz,lg-N,SE	5	cu,cu-st,cr-hz,sh-lg-N.	6	cu,cr-hz,sh-lg-N,E ...	7
6	cr,cr-hz,cr-st ...	4	cu,cu-st,nim	5	cu,cu-st,cr,lg-W ...	4	ny-ovt,th,lg-W ...	7	ny ovt [SE	7	ovt	8
7	cu,cu-st,cr,cr-hz	4	clear	0	clear ...	0	clear,lg-SW	0	clear	0	ny-clear D	0
8	cu,cr,cr-hz	3	cu,cu-st,by-cu-st-W,lg	2	fl-cu,hy-cr-st,hz...	5	ny-ovt	7	fl-cu,cu-st,d-hz ...	6	...	...
9	...	...	...	...	...	...	...	...	...	...	cu cr-cu,cr-hz,nim	6
20	ny-ovt,fr-th,nim ...	7	ovt,lg-S	8	cu,d-hz,lg-S,W ...	5	cu,d-hz ...	6	cu,cr,cr-st,cr-hz	3	cu,cr-hz,sh-lg-NW	7
1	cr,d-cr-hz,cu,cr-st ...	6	cu,cu-st,cr,cr-hz,lg-N,W,.	5	fl-cu,hz,lg-W...	4	fl-cu,hz	3	cu,cr-hz [lg-SW	6	cu,cr-h	6
2	cu,cr cu,cr,cr-st	6	cu,cu-st,cr-hz,lg-NW	5	fl-cu,cu-st,hz,lg NW	6	fl-cu,cu-st,cr-hz,lg-S	4	fl-cu,cu-st cr-hz,nim,	6	ny-ovt	7
3	ny-ovt,fr-th,lt-R,r-b,lg	7	ny-ovt,sh-,S	7	fl-cu,hz,lg-SE-hor ...	4	fl-cu,hz	3	cu,cr,cr-hz,lg-S,W	4	cu,cr-hz,nim-E,sh-lg-	2
4	cr-cu,cr,cr-hz [R	4	cr,cr-hz ...	1	clear	0	clear D ...	0	clear	0	clear [W	0
5	ny-clear	0	clear	0	do D	0	do D	0	do D	0	...	...
6	...	...	...	...	...	...	...	...	...	...	cu,cr-cu,cr-hz ...	6
7	ny-clear	0	do.	0	cu,sh-lg-S-hor	1	cu,hz	5	cu,cr-hz ...	3	cu,cr-hz	7
8	cr,cr-hz,cr-cu	3	cu,cr-st,cr-hz ...	3	cu	1	ny-clear	0	clear	0	clear D ...	0
9	cr-cu,cr-st,cr-hz	4	cr-st,hz	1	fl-cu,hz,lg-N,E,hl-☽	3	cu,cu-st,cr-hz,viv,sh-lg	3	cu,cu-st,hz	5	ny-ovt,sh-lg-N	7
30	cr,cr-hz,sc-cu-hor	4	cr,cr-st,cr-hz ...	4	cu,cr-st,hz	3	cu,hz [NE	2	clear D	0	fl-cu	2
1	fl-cu,hz	3	ny-clear	0	fl-cu	3	ovt ...	8	fl-cu,cr hz,nim	5	cu,cu-st,hz,nim	4

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard ... around
- cld ... clouds or cloudy
- cr or cir ... cirri or cirro or cirrous
- cu ... cumuli or cumulo
- D ... Dew
- d ... dense
- dis ... distant
- dt ... detached
- E ... East
- fg ... fog
- fk ... forked
- fl ... flying
- fr ... frequent
- g ... ground
- hy ... heavy
- hl ... halo
- hor ... horizon
- hz ... haze or hazy
- ld ... loud
- lg ... lightning
- lt ... light
- mt ... meteor
- N ... North
- nim ... nimbi
- ny ... nearly
- ovd ... over head
- ovt ... overcast
- ps ... peals
- pt ... part or partly or partial
- R ... Rain
- r-b ... rain bow
- S ... South
- sc ... scattered
- sh ... sheet
- st ... strati
- th ... thunder
- thi ... thick
- v ... very
- viv ... vivid
- W ... West

* The Maximum and Minimum Thermometers have been taken out from their place on account of the Storm.

REMARKS ON THE WEATHER FOR THE MONTH OF SEPTEMBER, 1851.

	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy Sky in 8ths	Thermometers. Radiation. Sol	Ter.	Air. Max.	Min.
1	cu,cr-hz,sh-lg-E	1	nvt	8	cr cr-st,cr-hz ...	3	cr hz,cr-st,cr ...	4	cu,cr-hz	3	cu,cr-hs	4	—	—	94.7	79.7
2	cr,cr-st,cr hs ...	3	cr st,cr-hz ...	3	nr-cu,cr st,cr-hz ...	3	cr cu,cr st,cr-hs ...	4	cr,cr-hz,cr-cu ..	6	cr,cr hz,cr-st,cr-cu	6	—	—	93.3	78.6
3	clear ...	0	cr,cr-hs cr-st ...	4	cr-cu,cr,cr-hz ...	3	cr-cu,cr,cr-hz ...	4	cr-cu,cr,cr-hz ...	3	sc cu,cr hs	3	—	—	95.6	80.2
4	do.	0	cr,cr-hz	2	cr,cr-st,cr hz ...	4	cu,cr-st,cr hz ...	4	cu,cr-st,cr-hz ..	4	cu,cu st,cr-st,cr-hz	5	—	—	95.9	81.4
5	nvt,sh-lg-SW	8	nvt	8	ny-ovt	7	cu,cu st,cr-cu,cr-hz	6	cu,cu-st,cr-cu,cr-hz	5	sc-cu,cu-st,cr-hz ...	5	—	—	94.6	81.7
6	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	94.5	80.1
7	cu,cr-hz ...	4	cr,cr-hz,cr-st ...	3	cr,cr-st	2	cr,cr st,cr-hs	2	cu,cr,cr-st,cr-hs-hor	2	sc-cu,cr-st-hor ...	2	..	—	95.6	80.1
8	ny,ovt,sh-lg-E ...	7	cr-cu,cr-hz,cr-st	6	cr-hz,cr-st ...	4	cr-cu,cr-st,cr-hz ...	5	cr cu,cr st,cr-hz ...	6	sc-cu,cu-st,cr hz ...	6	—	—	95.0	81.4
9	cr,cr-hz,cu ..	3	cr,cr-st,cr-hz ..	3	cr cr-st,cr-hz ..	3	do ...	4	sc cu,cr,cr-st,cr hz	4	sc-cu,cr,cr st,cr-hz	4	—	—	94.6	79.4
10	cu,cr-st,hz ...	6	cr,cr hz,cr-st ...	5	cr,cr-hz cr-st	5	cr cu,cr-st cr-hz ..	6	cr-cu,cr-st,cr hz ..	6	sc-cu,cr-st,cr-hz, ...	6	—	—	95.9	81.1
1	cu,cr-hz ...	8	cr,cr-hz,cr-st ..	4	do	4	do	3	do ... [nim-W	6	do ... [nim-N	6	—	—	95.9	81.2
2	fl-cu,cr	3	cr-cu,cr	2	cr,cr-hz,cr-st	1	sc-cu,cu-st,cr-hz ...	4	sc-cu,cu-st,cr-hz,	5	cu,cu st,cr-hz ...	4	—	—	93.4	80.9
3	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	94.0	81.2
4	ny-clear	0	cr-cu,cr,cr-hz ...	4	cr,cr-hz,cr-st	3	sc-cu,cr st cr-hz...	4	cu,cu st,cr-st,cr hz	4	cu cr-st,hz	5	—	—	92.9	80.2
5	cr,cr-hz,hl-☾ ...	3	cr,cr-hz,cr-st ...	4	do	3	cr cu,cr-st,cr-hz ...	4	cu,cr-cu,cr-st,cr-hz	5	cu,cu-st,cr-st,cr-hz	4	—	—	95.6	80.5
6	ny-ovt... ..	7	cr-cu,cr-hz,cr-st	5	cr,cr-st,hz	3	cu,cr st,cr hz	2	sc-cu,cr-hz	2	cu,cu-st,cr-hs [sw	3	—	—	95.5	77.1
7	fl-cu,cr-hz ...	5	hy-cu,cu-st,cr-hz	6	cu,cr,cr-hz,cr-st ...	3	cu,cu-st,cr-st,cr-hz	4	cu,cu-st,cr-st,cr-hz	4	cu,cu-st,cr-st,cr-hz,nim-	4	—	—	94.4	79.7
8	cr-cu,cr,cr-hz,sh-	4	cr,cr-hz,cr-st,cu	6	cr-cu,d-hz	7	cr-cu,cr-st,d-hz ...	7	cr-cu,cr-st,d-hz ...	7	cr-cu,cr-st,d-hz ...	6	—	—	98.5	79.4
9	ny-clear... [lg-E	6	cr-cu,cr st,cr-hz	4	cr,cr-hz,cr-st ...	6	cu,cu-st,cr-hz,nim	7	ny-ovt	7	ovt	8	—	—	89.7	79.5
20	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	95.7	79.1
1	ny-clear	[illegible]	ny-clear	0	cr,cr-hz	1	cr-st,cr hz	1	sc-cu,cr-st,cr-hz ...	3	sc-cu,cu-st,cr-hz ...	4	—	—	93.1	78.7
2	cr,cr-hz	[illegible]	cr,cr-hz,cr-st ..	2	cr-cu,st	1	cr-cu,cr-st,cr-hz ...	2	do	3	cu,cr-cu,cr-hz ...	4	—	—	96.0	79.4
3	nvt	1	nvt	8	ovt	8	ny-ovt	7	cu,cr-cu,cr-st,cr-hz	8	cu,cr-cu,cr st,cr-hz	5	—	—	92.2	82.5
4	cu,cr,cr-hz . ..	[illegible]	fl cu,nim	7	cu,cu-st,cr st ...	3	cu,cr-st,cr-hz ...	6	cu,cu-st,cr-hz,nim,	7	cu,cr-hz,cr	7	—	—	93.2	80.6
5	do sh-lg-W ...	[illegible]	nvt,fr th lg [nim	8	ovt-R	8	ovt ... ... [nim	8	nvt ... [th-W	8	nvt	[illegible]	—	—	84.9	76.2
6	cu,cr-hz	[illegible]	cu,cr,cr-hz,cr-st,	7	cu,cr-hz	6	sc-cu cu-st,cr-hz,	7	cu,cu st,hz	8	hy-cu,cu-st,hz,nim-	7	—	—	89.1	77.8
7	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ... [W		—	—	89.5	77.8
8	cr,cr-hz	1	cr,cr-hz,cr-st,cu	3	cr,cr-hz,cr-st,cu ..	3	cu,cr-cu,cr,cr-hz,nim	6	sc-cu,cu-st,cr,cr-st	6	cu,cu st,cr-cu,hz,nim...	7	—	—	93.5	79.0
9	ny-ovt	7	cr-cu,cr-hz,cr-st	6	cr-cu,cr-st,cr-hz	6	cu,cu st,cr-hz	6	cu,cu-st,cr-hz	6	cu,cr-cu,cr-st,cr hz	[illegible]	—	—	93.8	77.3
30	do viv-lg,th,lt-R	7	cu,cr,cr-hz,nim	6	cr-cu,cr-hz,cr-st ..	5	cr-cu,cr-hz,cr st ...	3	sc cu,cr st,cr-hz ...	5	cu,cu-st,cr-st,cr-hz	3	—	—	93.5	76.0

REMARKS ON THE WEATHER FOR THE MONTH OF OCTOBER, 1851.

	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy Sky in 8ths	Radiation. Sol	Ter.	Air. Max.	Min.
1	ovt fr-viv lg,hy-pa-	8	cu,cr hz,nim,lt R	7	cr-st,cr,cr-hz ...	5	cr st,cr,cr-hz	5	cu,cr,cr-hz,cr-st ...	6	cu,cr,cr-hs, ..	6	—	—	94.2	75.3
2	clear D [th,hy-R	0	cr-st,hz; [r-b-W	3	cr-st,hz ...	2	ny-clear ..	0	cu,cu st,hz ...	2	cu,cu-st,nim,hz	2	—	—	92.6	78.9
3	cr-cu,cr-st,cr-hz	3	cr-cu,cr st,cr hz	6	cr-cu,cr,cr-st,d-hz	5	cu,cu st,cr,cr-st,hz	6	cu,cu-st,cr-hz ..	5	cu,cu-st,cr-hz ...	4	—	—	93.1	79.9
4	... .	...	... ...	...	... .	...	... ...	...	... ...		... .		—	—	94.4	80.5
5	nvt,sh-lg N	8	nvt	8	ovt	8	ovt	8	cu,cr-cu,d-cr-hz ...	7	cu,cr-cu,d-cr-hz ...	7	—	—	90.8	77.3
6	ovt	8	ny-ovt	7	ny-ovt	7	ny-ovt ...	7	cu,cr-cu,cr-hz	6	fl-cu,cu-st-cr,hz ..	7	—	—	89.0	76.8
7	do.	8	do. ...	7	ovt	8	cu,cu-st,nr,cr hz ..	8	cu,cu-st,cr,cr-hz,nim	8	cu,cu st,cr,cr-hz ...	5	—	—	88.2	76.8
8	do. ...	8	ovt	8	do. ...	8	ny ovt ...	7	do	7	do	7	—	—	89.1	75.1
9	do.	8	do. ...	8	ny-ovt... ...	7	cr,cr-hz,cu ...	6	cr,cr-hz,cu ..	6	cr,d-cr-hz ...	6	—	—	89.5	75.3
10	cu,cr-hz,cr-st	4	d-cr-hz ...	6	cr-cu,cr-st,d-cr-hz	7	d-cr-hz,cr-st ...	6	d-cr-hz cr-st ...	6	d-cr-hz,cr-st ...	4	—	—	91.4	78.6
1	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	.. ...	...	—	—	89.7	79.2
2	ny-clear ...	0	cr-cu,cr-hz ...	3	cr-cu,cr-st,cr-hz	4	cr,cr st,hz ..	3	cr,cr-st,hz ...	4	cu,cr,d-cr-hz ...	4	—	—	93.1	79.0
3	cr st,cr hz ...	6	cr st,cr-hz ...	6	cr-cu,cr-st,d-cr-hz	5	cr,cr-hz ..	6	cr,cr-hz	6	d-cr,cr-hz	6	—	—	92.3	79.3
4	ovt	8	ny nvt ...	7	ny-ovt	7	cr,cr-hz,cr-st ...	6	cu,cr-cu,cr-hz,cr-st	6	cu cr-cu,cr-hz cr st	6	—	—	93.2	80.4
5	cu,cr-hz	6	sc-cu,cr-st,cr-hz	3	cu,hz	3	hy cu,cr-hz ...	5	hy cu,cr-hz,nim-W	6	cu,cr,cr-hz	4	—	—	88.7	77.0
6	ovt . ..	8	cu,cr-cu,cr hz ..	6	cu,cu-st,cr-hz,nim S	6	cu,cu-st,cr,cr-hz ...	6	cu,cu st,cr,cr-hz ..	6	cu,cu st,cr,cr-hz	5	—	—	89.7	79.3
7	cr-cu,cr hz D ..	3	cu,cr-cu,cr-hz	4	fl-cu,hz [E	3	fl-cu,cr-hz ...	6	cu cr,cr-hz ...	4	cu,cu-st,cr,cr-hz,	6	—	—	86.0	78.0
8	... ..	...	... ...	...	... .	...	...	...	... ...	..	[nim-SW,th-W ...		—	—	92.2	79.3
9	do. D ...	5	cr-cu,cr-hz [nim	4	cr-cu,cr-st,d-cr-hz	5	fl-cu,cr,cr-hz ...	3	cu,cu st,cr,cr-hz ...	4	fl-cu cr-hz,nim-th	7	—	—	92.4	76.8
20	ny-ovt [lg-WS	7	hy-cu,cu st,hz,	7	cu,cr-cu,cr-hz,nim	7	ny-ovt ..	7	cu,cr,cr-hz,cr-st ...	7	cr,d-cr-hz,cu,cr-st	6	—	—	88.4	76.6
1	cu,cr-st,cr-hz,sh	3	cu,cr-cu,cr-st,cr-hz,	7	ny-ovt	7	do	7	ny-ovt	7	cu,cu st,d-cr,cr-hz	6	—	—	87.2	79.3
2	ovt,sh lg-S E ..	8	cu,cr hz,nim [nim	7	cu,cr,cr-hz ...	3	cu,cr,cr-hz ...	4	cu,cu-st,cr hz	4	cu,cu-st,cr-hz,th ...	6	—	—	91.6	77.8
3	cu,nim-sh-lg-S,D	3	cu,cr-hz ...	5	cu,cr-cu,d-cr-hz ...	6	cu,cr-cu,d-cr-hz ..	6	cu,cr,cr hz,cu-st ...	6	cu,cu-st,cr,cr-hz	6	—	—	88.6	78.5
4	clear	0	cu,cr-hz ..	2	cr-st,cr-hz	2	cu,cu-st,cr-hz	3	sc cu ...	1	sc-cu	1	—	—	89.5	76.5
5	... ...	...	. ...	...	... ...	...	.. ...	...	... ...	...	.. .		—	—	87.0	72.6
6	fl cu,cu-st,cr-hz,	5	cu,cr-cu,cr st	3	fl cu,cu-st,cr-hz	4	cu,cu st,cr,cr-hz ..	7	cu,cu-st,cr,cr-hs ...	6	cr-cu,cr,cr-hz ...	[illegible]	—	—	87.6	77.3
7	ovt [nim,lg-SW	8	ny-ovt	7	ny-ovt	7	ny-ovt	7	fl-cu,cu-st,cr-hz	6	cu,cr,d-cr-hz ...	[illegible]	—	—	87.1	77.3
8	clear D ...	0	clear ...	0	ny clear	0	hy-cu,cu-st,cr-hz	4	hy cu,cr,cr-hz ...	5	sc-cu,cr-hz	[illegible]	—	—	87.6	74.7
9	nvt,lt R,sh-lgN	8	ny-nvt	7	cu,cr,cr-st,cr hz ...	6	cu,cr,cr-st,cr-hz ..	4	hy-cu,cu st,cr-hz	5	cr,cr hz,cr-st	[illegible]	—	—	86.2	75.1
30	clear	0	cr cu,cr-hz-hor	1	sc-cu	1	sc-cu,cr-hz ...	3	sc-cu,cr-hz	2	sc-cu,cr-hz	2	—	—	86.0	73.0
1	fl cu,hz ...	4	fl cu,cu-st,hz,nim	7	fl cu,cr hz,nim ...	7	ny ovt ...	7	fl cu,nim ..	8	fl-cu,nim ..	[illegible]	—	—	84.6	76.7

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard ... around
- cld ... clouds or cloudy
- cr or cir ... cirri or cirro or cirrus
- cu ... cumuli or cumulo
- D ... Dew
- d ... dense
- dis ... distant
- dt ... detached
- E ... East
- fg ... fog
- fk ... forked
- fl ... Flying
- fr ... frequent
- g ... ground
- hy ... heavy
- hl ... halo
- hor ... horizon
- hz ... haze or hazy
- ld ... loud
- lg ... lightning
- lt ... light
- met ... meteor
- N ... North
- nim ... nimbi
- ny ... nearly
- ovd ... over head
- ovt ... overcast
- pe ... peals
- pt ... part or partly or partial
- R ... Rain
- r-b ... rain-bow
- S ... South
- sc ... scattered
- sh ... sheet
- st ... stratus
- th ... thunder
- thk ... thick
- v ... very
- viv ... vivid
- W ... West

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REMARKS ON THE WEATHER FOR THE MONTH OF NOVEMBER, 1851.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	cu,nim	8	ny-ovt	7	cu ur,cr-st,nim ...	7	cu,cu-st,cr-hz ...	7	cu,cu-st,cr-hs ...	4	... ...	...
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt,th-W,vis-lg,R ...	8
3	ovt	8	ovt	8	ovt	8	ovt,hy-R	8	ovt,hy-R ...	8	ovt,hy-R ..	8
4	do. R	8	do.	8	do.	8	do.	8	do.	8	do. do.	8
5	do.	8	do.	8	do.	8	cu,cr,cr-hz	4	ny-ovt	7	do-	8
6	do.	8	do	8	do.	8	ovt.	8	ovt	8	do.	8
7	d-cr-hr,cr-st,cu ...	7	cu,d-hz,hl-☽ ...	6	cu,cu st,d-hs ...	5	cu,cu-st,cr,cr-hs ...	8	cu,cr-cu,cr-hs ...	7	cu,cr-cu,cr-hs ...	2
8	cr,cr-cu,hz.. ...	1	ny-clear	0	clear	0	ny-clear	0	fl cu...	7	... ...	...
9	... ...	...	... ...	...	.. ..	...	... ...	...	... ...	...	fl-cu,cu-st,cr-hs ...	5
10	cr,cr-hr,cu ...	7	hy-cu,hs	7	ovt	8	ny-ovt	7	hy cu,cr hs	8	fl-cu,cu-st,hr,nim ..	7
1	cu,cr-hs	7	fl-cu,nim	6	fl cu,hs	4	cu,cu-st,cr,cr-hs ...	8	cu,cr-cu,cr,cr-hr...	5	fl-cu,cu-st,cr-hr ...	6
2	cr,cr-st,cu ...	6	cu,hs	2	fl-cu,cu-st,cr-hs ...	6	cu,d-cr,cr hs ...	7	hy-cu,cu-st	5	do...	6
3	cr-hs,cu,nim ...	7	cu,d-hr	7	cu,cr-hr	6	ovt	8	ovt	8	ny-ovt	7
4	cu,cu-st,d-cr-hs,nim	8	ovt	8	ovt	8	do.	8	fl-cu,cu-st,cr-hs ...	8	ovt	8
5	ovt,R	7	do. R	8	do.	8	do.	8	ovt	8	... ...	...
6	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt	8
7	cu,cr-st,cr-hs,nim ...	6	ny-clear	0	ny-clear	0	ny clear	0	cu,cr-hs	4	do. hy-R ...	8
8	cu,hs	4	fl-cu	1	fl-cu,lg-S hor ...	3	fl-cu,cu-st ...	5	clear	0	cu cu-st,cr-hs ..	3
9	cr-st,cu	2	cu	1	fl-cu,cu-st,D ...	2	clear D	0	cu,cr-hz	3	cu,cr-hs	4
20	fl cu	2	ny-clear	0	ny-clear	0	do.	0	cu,cr,cr-hs,nim ...	7	cr-st,cr-hr	2
1	ny-clear	0	clear	0	clear,D	0	do D	0	clear,D	0	ny-clear,D ...	0
2	fl-cu-hor... ...	1	do.	0	do.	0	do.	0	do.	0	... ...	...
3	... ...	...	... ...	...	... .	...	... ...	...	... ...	...	do.	0
4	ny-clear	0	do	0	do.	0	do.	0	do.	0	clear,D	0
5	cu,cr	1	du	0	fl-cu, D	1	fl-cu,D	2	sc cu	2	ny-clear	0
6	cu,hs	2	fl-cu	2	du.	2	cu,nim	5	clear	0	sc-cu,hz	3
7	cu,cr-st	2	clear	0	clear,D	0	ny-clear	0	do.	0	cu,cr-st,hz ...	2
8	cu-hor	1	cu	1	do. du. ...	0	clear,D ...	0	do.	0	clear	0
9	cu,cr,cr-st,d-hz ...	8	... ...	...	ovt	8	ovt	8	ovt	8	... ...	...
30	... ...	...	... ...	...	... .	...	... ...	...	... .	...	ny ovt	7
1												

REMARKS ON THE WEATHER FOR THE MONTH OF DECEMBER, 1851.

Date.	Noon	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	sc-cu,hr	1	cu,cr-st,cr-hs ...	3	ny-ovt	7	hy-cu,cu-st,nim ...	6	cu,cr-st,nim	4	clear	0
2	fl-cu,cu-st,hs ...	4	fl-cu	1	hy-cu,cu-st,hs ...	6	cu,hs	1	fl-cu,cu-st ...	3	du	0
3	cu,cu-st-hor	2	clear	0	fl-cu,cu st ...	2	fl-cu	3	fl-cu	2	cu,cr-hz	1
4	fl-cu,cu-st,nim ...	4	fl cu	2	fl-cu,hz	5	cr,cr-st	1	du	1	sc-cu,cr-hs ...	2
5	cu,cu-st,cr,nim-W ...	4	do	4	fl-cu	4	fl-cu	3	cu,cr-st,D	2	ny-clear,D	0
6	fl-cu,cu-st,hz,nim	4	cu,cu-st,hs	3	do,D	3	do,D	2	cu,cr-hz,do... ...	4	... ...	...
7	... ...	...	... ...	...	... .	...	... ...	...	... ...	...	sc-cu, D	2
8	sc-cu-hor... ...	1	sc-cu,hz	2	cu	1	du D	2	ny-clear do ...	0	clear D	0
9	fl-cu,cu-st,cr-hz ...	3	cu	2	fl-cu,cr st,hz ...	4	fl-cu,cr-st,hz... ..	3	fl-cu	2	fl-cu	4
10	cu,cu-st,lt-hz ...	3	cu,cu st,lt-hr ...	3	fl-cu,hs	3	fl-cu,hz	3	cu,cr-hz,D	3	cu,cr,cr-hs ...	6
1	cu,cu-st,cr-hz,nim .	7	cu,cu-st,cr-hs ...	5	cu,cu st,hs ...	4	cu,cr-hs	6	cu,cr-hs	4	cr,cr-hz	2
2	sc-cu,cu-st,cr-hs...	5	hy-cu,cu-st,nim ...	6	cu,cr-hs	5	do	5	fl-cu,hr,D ...	3	fl-cu,hs,D ...	2
3	cu,cu-st,d-cr-hs ...	7	ny-ovt	8	ovt	8	ost	8	ovt	8	... ...	...
4	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	fl-cu,nim ...	2
5	fl cu,cu-st,hs,nim ...	6	cu,cu-st,d-cr-hs ...	5	cu,hz	4	cu,hz...	2	cu,cu-st	2	do do	6
6	fl-cu,cu-st,cr-hz,nim	6	cu,cu-st,cr-st,d cr-hs	5	do	2	do	2	du...	2	cu,cr-hz,D ...	2
7	cu,cu-st,cr-hs ...	4	cu,cu-st,cr hs ...	2	fl-cu nim ...	4	cu,cr-hz	3	cu,cr-hz,nim ...	7	cu,cu-st,cr-hz,nim ...	7
8	sc-cu,cu-st ..	3	cu,hy-cu-st,nim-N	4	cu	1	cu,hs	3	fl-cu,hz	2	sc-cu,hs	2
9	cr-cu,cr,cr-hz,cr-st ...	3	ny-clear	0	do	1	fl-cu	2	cu-hor	1	do	2
20	cu,cu-st,cr-hs ...	6	cu,hs	2	cu,hz	2	cu,hs	1	fl-cu,hz,D	3	... ...	...
1	... ...	...	... ...	...	... ...	...	... ...	...	.. ..	...	cu,cu-st,hs ...	3
2	ny-clear	0	ny-clear	0	do	2	du...	4	cu,hz	6	sc-cu,cu-st,hs ...	2
3	cu-st,cr-hz	1	cu,cr-hz	1	fl cu	3	fl-cu	3	fl-cu,D	2	do-hor ...	1
4	cu,cu-st,cr-hz,cr-st	6	cu,hz, ...	2	cu,hz	2	cu,hz...	6	do,hz,D	4	sc-cu,cr hz,D ..	4
5	clear	0	cu,cu-st,cr-hs ...	2	cu,cu-st,hs ...	4	do	2	ny-clear,D	0	ny-clear do ...	0
6	sc-cu,cr-st,cr,cr-hs	3	cu,cr	2	fl-cu	2	do...	8	cu,cr-hz,D	3	cu,cr-hz,cr-st,D ...	4
7	ovt	8	fl-cu,hs	6	ovt	8	ovt	8	ovt	8	... ...	...
8	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu,cu-st,cr-hz ...	4
9	cu,cr-hr,nim... ..	5	cr-cu,cr-hs	6	cu,cu-st,cr-hr ...	6	cr-cu,cr-st ...	4	cu,hs	4	cu,cr-cu,hz,D ...	4
30	fl-cu,hr	3	cu,cr-hs-hor ...	1	cu,cu-st	2	cu,cr-st,cr-cu ...	4	cu,cu-st,nim...	6	cu,cu-st,cr-hz ...	4
1	cr,cr-st,cu,hs ...	3	do	2	cu,hz	4	cu,cr-st,cr-hs,nim	6	cu cu-st,cr-hr ...	4	cr-cu,cr-st,cr-hs ...	2

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard... ... around
cld ... ... clouds or cloudy
cr or cir .. cirri or cirro or cirrous
cu ... ... cumuli or cumulo
D... ... ... Dew
d ... ... dense
dis... ... distant
dt ... ... detached
E... ... ... East
fg ... ... fog
fk ... ... forked
fl ... ... flying
fr... ... ... frequent
gd ... ... ground
hy... ... ... heavy
hl ... ... halo
hor... ... horizon
hz ... ... haze or hazy
ld... ... ... loud
lg ... ... lightning
lt ... ... light
mt ... ... meteor
N ... ... North
nim ... ... nimbi
ny ... ... nearly
ovd... ... over head
ovt... ... overcast
pe ... ... peals
pt ... ... part or partly or partial
R ... ... Rain
r-b... ... ... rain bow
S ... ... South
sc ... ... scattered
sh ... ... sheet
st ... ... stratus
th... ... ... thunder
thi... ... ... thick
v ... ... very
viv... ... ... vivid
W ... ... West

REMARKS ON THE WEATHER FOR THE MONTH OF NOVEMBER, 1851.

	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers. Radiation. Sol.	Ter.	Air. Max.	Min.
1	...	...	...	...	...	...	...	...	...	...	...	...	—	—	80.9	77.6
2	ovt R	8	ovt-lt-R	8	ovt	8	ovt	8	ovt-lt-R	8	ovt-lt R	8	—	—	78.9	74.5
3	do. R	8	ovt R	8	do.	8	do	8	do do.	6	ovt R	8	—	—	78.9	74.3
4	do.	8	do	8	do. R	8	do. hy R	8	do. R	8	do.	8	—	—	79.6	75.0
5	do.	8	do. R	8	do.	8	do	8	do.	8	do.	8	—	—	79.6	77.2
6	do	8	do	8	do	8	do.	6	d-cr-hz,cu	8	d-cr-hz,cu	8	—	—	83.2	70.9
7	cu,cr-st,cr-hz	4	fl-cu,cr-st,hz	5	cr,cr-hz	2	cu,cr,cr-st...	2	cu,cr-st,cu	2	cr,cr-st	2	—	—	86.7	76.4
8	...	...	...	...	...	...	...	...	...	...	...	...	—	—	86.6	76.3
9	fl-cu,cr-st,cr-hz	6	cu,cr-cu,cr-st,cr-	5	cu,cr-cu,cr-hz	4	cu,cu-st,cr,cr-st	4	cr,cr-hz,cu	6	cu,cr-hz,cu	7	—	—	85.1	76.7
10	fl-cu,cu-st,cr-hz,	6	ny-ovt {hz,nim-E	7	cu,cu-st,cr,cr-hz	7	cu,cr-hz	6	cu,cr-hz	6	cu,cr-hz	7	—	—	85.0	73.5
11	ovt,lt-R {nim-W	8	fl-cu,cu-st,cr-hz,	3	hy-cu,cu-st,cr-hz	5	hy-cu,cu-st,cr-hz	6	cu,cr-hz,nim	6	cu,cr-hz,nim	6	—	—	85.5	78.5
12	cu,cr-cu,d-cr-hz	6	do {nim	5	do.	6	cr,cr-hz,cu	6	cr,cr-hz,cu-	7	cr,cr-hz,cu	6	—	—	84.1	77.2
13	fl-cu,cu-st,cr-hz,	6	ny-ovt	7	cu,cr,d-cr-hz	6	cu,cr,d-cr-hz	7	cu,cu-st,d-cr-hz,nim	8	cu,cu-st,d-cr-hz,nim	8	—	—	88.9	77.0
14	ovt {nim	8	ovt	8	ovt	8	ovt	8	ovt	8	ovt R	8	—	—	61.9	77.4
15	...	...	...	...	...	...	...	...	...	...	...	...	—	—	84.8	74.2
16	do.	8	do.	8	do. lt-R	8	cu,cu-st,cr-hz	6	cu,cu-st,cr...	4	cu,cr-hz-hor	2	—	—	83.2	75.0
17	ny-ovt	7	fl-cu,cu-st,hz,nim,E	7	cu,cu-st,cr-hz	4	sc-cu,cu-st,cr-hz	8	cu,cr-hz,nim	4	cu,cr-hz,nim	4	—	—	85.0	75.5
18	fl-cu,cu-st,cr-hz	4	cu,cu-st,cr-hz	4	cu,cr-hz,nim	7	ovt,hy-R	8	cu,cr-hz,nim	7	do.	7	—	—	82.7	77.9
19	cu,hz-hor D	1	cu,hz-hor	1	fl-cu,cu-st	4	fl-cu,cu-st...	3	fl-cu	2	fl cu	2	—	—	84.4	78.[illegible]
20	clear	0	cu,cr-hor	2	hy-cu,cu-st	3	fl-cu	2	do.	2	do.	2	—	—	85.0	76.7
21	cu,cr,cr-hz	2	sc-cu,cr-hz...	2	fl-cu,hz	3	fl-cu,cu-st	4	do.	2	do.	2	—	—	85.2	76.2
22	...	...	...	...	...	...	...	...	...	...	...	...	—	—	87.3	76.7
23	clear D	0	ny-clear	0	sc-cu	1	sc-cu	1	sc-cu	1	sc-cu	1	—	—	87.0	76.1
24	do. D	0	cu,cr-hz-hor	2	fl-cu,cr-hz...	5	fl-cu	3	cu,cr	2	cu,cr	2	—	—	85.6	78.1
25	sc-cu,cr-hz	2	S-cu,cu-st,cr-hz	5	sc-cu	2	do.	3	fl-cu	3	fl-cu	4	—	—	84.4	76.5
26	cu,cir-st,hz...	4	cu,cr cu,cr-st,cr-hz	4	fl-cu,cu-st-cr,hz	5	fl-cu,cu-st,cr-hz	5	fl-cu,cu-st,cr-hz	6	fl-cu,hz	3	—	—	84.2	75.4
27	cu,cu-st,cr-hz,nim-E	2	fl-cu,cu-st,cr-hz	3	fl-cu,cu-st,cr	3	fl-cu,hz	3	fl-cu hz	2	fl-cu	1	—	—	82.8	73.2
28	clear	0	cu-hor	1	clear	0	clear	0	fl-cu	1	d-cr-hz,cu	7	—	—	81.4	70.1
29	...	...	...	...	...	...	...	...	...	...	...	...	—	—	81.3	71.6
30	ovt-lt-R	8	fl-cu,cu-st,hz,nim,E	5	cu,cu-st,cr-hz	4	fl-cu,nim	5	do.	2	fl cu	2	—	—	84.1	75.5

REMARKS ON THE WEATHER FOR THE MONTH OF DECEMBER 1851.

	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Sol.	Ter.	Max.	Min.
1	sc-cu	1	S-cu,cr-hz	3	fl-cu,cr-hz	8	fl-cu	4	sc-cu,cu-st	3	fl-cu,cu-st,hz	4	—	—	83·4	76·8
2	clear	0	cu,cr,cr-hz	3	cu,nim	4	fl-cu,cu-st,nim-W	5	fl-cu,cu-st,nim-W	4	fl-cu,cu-st,cr-hz	4	—	—	85·4	76·8
3	cu,cr-hz	4	hy-cu,nim	3	cu,cu-st,nim	6	cu,cu-st,sc-cu	6	cu,cu-st,nim	5	fl-cu,cu-st,nim	6	—	—	85·2	76·0
4	sc-cu,cr-hz	2	sc-cu	1	sc-cu	1	sc-cu	1	sc-cu	3	sc-cu	3	—	—	83·1	76·3
5	clear D	0	do	2	cr-st,cu	3	do	3	fl-cu,cu-st	4	fl-cu,cu-st	4	—	—	83·3	78·2
6	...	...	...	...	...	...	...	...	...	...	...	...	—	—	83·1	71·6
7	cu,hz D	1	cr,cr-hz,cr-st, D	3	cr,cr-st	2	fl-cu,cu-st,cr-hz	4	fl-cu,cu-st,cr-hz	3	sc-cu cr-st...	2	—	—	83·8	70·6
8	ny-clear	0	ny clear D	0	ny-clear	0	sc-cu,cr-hz	3	sc-cu,cr-st	4	fl-cu,cu-st,cr-hz	3	—	—	83·4	70·9
9	fl-cu	4	cu,cr,cr-hz	4	cu,hz	3	sc-cu,cu-st	6	fl-cu,cu-st,cr-st	5	fl-cu,cu-st,cr-st	6	—	—	82 7	73.7
10	cu,cr,cr-hz,hl-C	6	S-cu,cr-hz	6	cu,cr-hz,nim	6	cu,cu-st,cr-hz-.nim	6	cu,cu-st,cr-hz,nim	6	cu,cu-st,cr-hz,nim	7	—	—	82·7	73.9
11	S-cu D	4	cu,cr,cr-hz	5	cu,cr,cr-hz	6	sc-cu,cr,cr-hz	6	sc-cu,cu-st,cr-hz	6	sc-cu,cu-st,cr-hz	5	—	—	81·4	69 3
12	cu,cr,cr-hz,cr-st	6	do	6	do cr-st	6	cu,cr,cr-hz,cr-st	6	cu,cu-st,cr-hz,nim...	7	cu,cu-st,cr-hz,nim	7	—	—	82.0	71·6
13	...	...	...	...	...	...	...	...	...	...	...	...	—	—	88 4	73·8
14	ovt,hy-R	8	ovt,hy-R	8	ovt	5	S-cu,cu-st,hz,nim	7	fl-cu,cu-st,hz,nim	7	fl-cu,cu-st,hz,nim...	7	—	—	83·1	74·6
15	cu,cr-hz D	4	cu,cr,cr-hz,nim...	6	cu,cr,cr-hz,nim	5	cu,cu-st,cr-hz,nim-N.W	4	cu cu st,cr-cu,cr-hz	6	cu,cu-st,cr-cu,cr-hz	4	—	—	83 8	75.4
16	sc cu D	2	cu,hz-hor	2	fl-cu	3	fl-cu,cu-st,cr-hz,nim	4	fl-cu,cu-st,cr-hz,nim	4	cu,cu-st,cr-hz	4	—	—	84 0	74 9
17	cu,cu-st,hz,nim-E	3	fl-cu,cu-st,nim	4	do nim	3	fl-cu,cu-st,nim	6	fl-cu,cu-st,cr,cr-hz	4	sc-cu	3	—	—	83 3	73·5
18	cu,cr-hz	3	sc-cu,cr-st,cr-hz	4	sc-cu,cr-hz	8	fl-cu,cu-st,cr-hz	3	fl-cu,cr-st,cr-hz	4	cr-cu,cr,cr-hz,cr-st...	2	—	—	88 9	73·9
19	cu-hor	1	sc-cu,hz	2	sc-cu,hz	3	sc-cu,cr-hz	3	sc-cu,cu-st	4	cu-st,cr,cr-hz-N-hor	4	—	—	81·6	69.0
20	...	...	...	...	...	...	...	...	...	...	...	...	—	—	82·1	70.1
21	cu,hz	2	sc cu,cu-st	3	sc-cu,cr-hor	3	do	4	cu,cu-st	3	cu,cu-st	1	—	—	82·2	71 4
22	sc-cu,cr-st	3	do	8	sc-cu-hor	8	sc-cu,cu-st	3	sc-cu,cu-st...	4	do	2	—	—	82 3	70.8
23	cu-hor	2	cu,cu-st,cr-st	2	cr,cr-st,hz,cu	2	cr,cr-st,cr-hz,cu	6	cr,cr-st,cr-hz,cu	5	cu,cu-st,cr-hz,cr-st	3	—	—	81 4	68·7
24	cu,cr st hor	1	cu,cr-hz	2	ny-clear	0	cu,cr cu,hz	2	ny-clear	0	clear	0	—	—	81 4	68·4
25	cu,cu-st,cr-hz	3	cu,cu-st,cr-hz	4	cr, cr-st,hz	4	cr,cr-st,cu...	3	fl-cu,cr,	2	cu,cr,cr-hz	2	—	—	81·3	68·3
26	cu,cr-hz,cr-st D	4	do	6	cr-cu,cu-st,cr	7	ny-ovt...	8	cloudy	8	ny-ovt	3	—	—	81 6	70·8
27	...	...	...	...	...	...	...	...	...	...	...	...	—	—	82 8	73·6
28	cu,cr,cr-hz D	2	cu,cu-st,cr,cr-hz	6	cu,cr,cr-hz	3	cu,cr,cr-hz	6	cu,cr,cr-hz	6	cu cr-hz,nim	[illegible]	—	—	83 8	72·6
29	do do	3	ny-clear	0	clear	0	fl-cu,nim	3	fl-cu,hz	6	fl-cu,hz	[illegible]	—	—	88 3	69 9
30	sc-cu,cr-hz...	2	cu,cu-st,cr-hz,nim	1	S-cu	1	do	2	hy-cu	6	cu,cr-hz,nim	7	—	—	82·7	74·4
31	cr-cu,cr-st,hz	2	cu,cu-st,nim	7	cu,cu-st,nim	7	cu,cr-hz,nim	7	cu,cr-hz	5	do	7	—	—	81 3	70·3

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard ... around
- cld ... clouds or cloudy
- cr or cir ... cirri or cirro or cirrous
- cu ... cumuli or cumulo
- D ... Dew
- d ... dense
- dst ... distant
- dt ... detached
- E ... East
- fg ... fog
- fk ... forked
- fl ... flying
- fr ... frequent
- g ... ground
- hy ... heavy
- hl ... halo
- hor ... horizon
- hz ... haze or hazy
- ld ... loud
- lg ... lightning
- lt ... light
- mt ... meteor
- N ... North
- nim ... nimbi
- ny ... nearly
- ovd ... over head
- ovt ... overcast
- pk ... peals
- pt ... part or partly or partial
- R ... Rain
- r-b ... rain-bow
- S ... South
- sc ... scattered
- sh ... sheet
- st ... stratus
- th ... thunder
- thk ... thick
- v ... very
- viv ... vivid
- W ... West

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MADRAS, 1852.

METEOROLOGICAL OBSERVATIONS.

Digitized by Google

BAROMETRIC PRESSURE. (Corrected.)

Barometer at 32°=29 English Inches + the number in the Table.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
JANUARY 1852.										* +·0016		* −·0044													
1	0·938	0·949	0·969	0·996	1·019	1·017	1·009	1·001	0·993	0·979	0·961	0·959	0·968	0·974	1·010	1·038	1·049	1·062	1·049	1·034	1·009	0·963	0·962	0·957	0·995
2	·970	·989	1·012	1·043	·059	·063	·059	·056	1·049	1·053	1·014	1·006	1·008	1·016	·028	·057	·080	·053	·027	·059	1·038	·001	·982	·980	1·033
3	·980	·986	·006	·022	·045	·054	·044	·025	·990	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	0·960	0·926	0·915	0·917	0·921	0·941	0·984	·010	·020	·011	0·997	0·971	0·950	·926	·922	0·979
5	·935	·959	0·968	0·986	0·996	·005	·004	0·999	0·980	·963	0·943	·942	·951	·961	·981	1·013	·044	·049	·042	1·005	·968	·933	·920	·921	·978
6	·937	·947	·970	·988	1·013	·018	·008	1·002	·985	·967	·946	·939	·943	·958	·974	·008	·043	·047	·033	·005	·972	·944	·927	·920	·979
7	·929	·938	·952	·976	0·994	·001	·000	0·987	·959	·939	·915	·905	·906	·914	·928	0·969	0·993	0·998	0·994	0·980	·952	·921	·891	·882	·951
8	·889	·896	·915	·942	·955	0·961	0·952	·941	·934	·928	·919	·904	·899	·917	·931	·964	·985	·986	·991	·963	·938	·903	·889	·885	·933
9	·889	·899	·909	·931	·948	·953	·948	·936	·920	·909	·895	888	·891	·902	·920	·949	·966	·973	·962	·944	·907	·882	·864	·858	·919
10	·864	·875	·893	·919	·939	·947	·939	.927	·914	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·907	·897	·896	·905	·915	·926	.953	·988	1·000	·991	·964	·939	·910	·893	·889	·925
12	·898	·909	·919	·941	·953	·962	958	·954	·932	·948	·940	·929	·928	·928	.957	·988	1·014	·028	1·018	·998	·967	·936	920.	·924	·954
13	·928	·943	·957	·980	·995	1·009	1·006	1·000	·990	·983	·971	·968	·975	·995	1·007	1·040	·068	·072	·066	1·042	1·009	·986	·969	·953	·966
14	·957	·964	·976	1·006	1·023	·018	·018	·010	·994	·980	·963	·961	·969	·979	·000	·028	·061	·068	·050	·018	0·985	·939	·919	·909	·992
15	·904	·913	·932	0·967	0·981	0·987	0·979	0·964	·946	·933	·917	·927	·948	·957	0·978	0·994	·006	·005	0·992	0·956	·924	·886	·855	.855	·946
16	·857	·872	·890	·915	·932	·939	·935	·922	·912	·902	·888	·888	·899	·928	·952	·983	·013	·016	1·004	·980	·952	·916	·889	·880	·928
17	·886	·898	.920	·956	·981	·992	1·003	1·002	·974	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·948	·919	·918	·928	·942	·957	·989	·020	·022	·011	·990	·974	·941	·913	·907	·957
19	·907	·914	·936	·956	·974	·986	0·974	0·969	·958	·942	·922	·919	·926	·940	·964	·980	·008	·015	·011	·991	·956	·920	·903	·899	·953
20	·905	·915	·947	·963	·980	·990	·983	·971	·964	·948	·928	·925	·933	·949	·961	·984	.014	·012	·005	·990	·953	·919	·904	·900	·956
21	·902	·907	·940	·974	·995	·997	·993	·986	·984	·972	·956	·951	·956	·969	·987	1·009	·028	·038	·026	·995	·974	·945	·930	·910	·972
22	·935	·956	·963	·987	1·005	1·009	1·009	1·008	·994	·978	·959	·957	·966	·975	·986	·011	·049	·052	·043	1·023	·998	·963	·947	·939	·988
23	·943	·959	·979	·998	·016	·028	·033	·022	1·011	1·007	1·001	·991	·991	·997	1·016	·042	·078	·082	·077	·055	1·035	1·002	·996	·993	1·015
24	1·000	1·015	1·039	1·061	·076	·081	·081	·070	·060	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·056	·048	1·048	1·039	1·068	·091	·118	·143	·146	·130	·109	·081	·047	1·027	1·014	·070
26	.021	·031	·043	·063	·077	·082	·076	·073	·051	·039	·023	·020	·028	·049	·058	·084	·109	·116	·104	·082	·053	·014	0·969	0·981	·053
27	0·990	·006	·018	·045	·061	·074	·072	·065	·054	.042	·026	·019	·023	·039	·067	·093	·121	·126	·110	·088	·054	·022	1·002	·998	·051
28	1·002	·021	·040	·067	·080	·092	·080	·069	.056	·041	·023	·019	·026	·032	·054	·082	·109	·112	·100	·069	·034	.004	0·978	·973	·049
29	0·979	0·989	·005	·023	·032	·054	·039	031	.007	·002	0·994	0·996	0·999	·005	·019	·043	·064	·068	·053	·029	0·996	0·963	·943	·932	·011
30	·937	·949	0·969	0·993	·001	·016	·015	·008	0·987	0·975	·960	·956	·962	0·966	0·998	·027	·053	·062	·054	·039	1·007	·978	·955	·952	0·992
31																									
Means.	·934	·946	·961	·988	·005	·013	·008	·000	·985	·969	·956	·957	·958	·969	·988	·016	·043	·049	·039	·016	0·984	·954	·935	·928	0·984
FEBRUARY 1852.										* —,0006		* —·0062													
January 31st.	0·961	0·978	1·002	1·017	1·027	1·038	1·036	1·030	1·019	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1	—	—	—	—	—	—	—	—	—	0·994	0·969	0·961	0·965	0·971	0·994	1·019	1·032	1·045	1·026	0·999	0·960	0·935	0·915	0·905	0·991
2	·912	·923	0·938	0·963	0·978	0·997	0·996	0·993	0·984	·974	·965	·950	·948	·955	·983	·012	·033	.018	·010	·995	·966	·942	·917	·903	·969
3	·908	·910	·925	·953	·981	·997	·995	·985	·979	·967	·955	·950	·958	·967	·983	·011	·042	056	·055	1·034	1·007	·980	·958	·944	·979
4	·949	·960	·985	1·000	1·025	1·033	1·025	1·014	·999	·990	·981	·977	·985	·994	1·026	·061	·089	·097	·087	·072	·051	1·032	·999	·989	1·017
5	·991	1·010	1·030	·053	·069	·077	·070	·049	1·040	1·029	1·018	1·011	1·016	1·022	·049	·070	·103	·111	·104	·084	·055	·023	·998	·988	·045
6	·989	·001	·022	·033	·050	·063	·058	·040	·012	·004	0·996	0·990	0·996	·005	·022	·044	·062	·064	·053	·026	0·998	·958	·933	·918	·014
7	·925	0·938	0·946	0·964	0·990	0·996	0·991	0·984	0·966	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	0·939	.914	·914	·926	0·948	0·964	0·985	·004	·013	·006	0·990	·963	·930	·912	·903	0·958
9	·916	·933	·952	·978	·998	1·010	1·012	1·000	·986	·969	·952	·949	·959	·984	1·006	1·030	·056	·065	·048	1·028	·000	·970	·948	·939	·987
10	·931	·941	·961	·983	·999	·004	·007	0·992	·971	·958	·946	·936	·937	·952	0·966	0·986	·014	·030	·018	0·994	0·965	·939	·918	.911	·969
11	·919	·935	·951	·974	·997	·004	·002	·993	·974	·960	·946	·942	·951	·958	·977	1·001	·023	·034	·023	·997	·961	·927	·908	·901	969
12	·911	·923	·941	·964	·977	0·991	0·992	·975	·962	·952	·943	·939	·948	·959	·979	0·994	·019	·030	·011	·986	·959	·934	·908	·906	·963
13	·918	·931	·953	·966	·989	·999	1·000	.989	.970	·961	·952	·948	·956	·968	·994	1·031	·050	·054	·040	1·011	·979	·947	·925	·922	·977
14	·924	·936	·961	·985	·999	1·005	0·995	·987	·975	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·957	.940	·935	·943	·954	·974	·001	·018	·033	·021	0·996	·960	·926	·910	·898	·968
16	·902	.909	·927	·939	·964	·973	·967	·956	·944	·937	·930	·921	·925	·937	·944	0·965	0·985	·003	0·994	·969	·942	·914	·856	·891	.943
17	·888	·900	·914	·937	·956	·965	·962	·939	·925	·912	·900	·896	·904	·912	·923	·960	·995	·006	1·016	·984	·958	·925	·908	·904	·937
18	·908	·908	·934	·946	·963	·977	·977	·971	·959	·950	·941	·934	·939	·951	·966	·997	1·015	·028	·011	·986	·955	·935	·913	·910	·958
19	·901	·914	·933	·963	·981	·986	·980	·963	·941	·930	.920	·916	·925	·939	·963	·980	0·995	·002	0·996	·980	·948	·922	·907	·911	·950
20	·917	·924	·938	·960	·969	0·981	·966	·954	·939	·928	·917	·907	·909	·921	·938	·958	·964	0·975	·965	·940	·906	·860	·858	·855	·932
21	·872	·885	·896	·915	·947	·957	·952	·948	·938	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·951	·965	·959	·965	·989	1·012	1·049	1·072	1·084	1·068	1·039	1·014	·984	·965	·963	·976
23	·969	·981	·997	1·007	1·019	1·030	1·032	1·020	1·001	·991	·982	·972	·975	·989	·010	·045	·063	·066	·059	·043	·007	·975	·946	·938	1·005
24	·940	·951	·963	0·981	0·996	·006	·012	0·994	0·977	·969	·961	·950	·951	·954	0·969	0·996	·030	·044	·026	0·992	0·961	·943	·920	·905	0·975
25	·908	·918	·926	·944	·965	0·990	0·978	·963	·944	·930	·916	·913	·923	·981	·957	·985	·004	·012	0·998	·967	·936	·907	·883	·870	·944
26	·868	·881	·890	·904	·925	·942	·945	·933	·919	·912	·905	·902	·911	·941	·956	·981	·002	·010	1·002	·980	·945	·913	·850	.885	·931
27	·889	·894	·908	·927	·948	·951	·941	·922	·908	·902	·896	·892	·900	·911	·939	·968	0·985	0·998	0·978	·961	·926	·898	·850	·880	.926
28	·880	·890	·903	·927	·948	·956	·967	·938	·909	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·902	·895	·894	·906	·935	·959	·989	1·010	1·024	1·008	·988	·960	·936	·913	·898	.939
30																									
31																									
Means	·920	·931	·948	·967	·986	·997	·994	·981	·966	·954	·944	·944	·945	·958	·978	1·004	·027	·036	·025	1·009	·971	·943	·922	·913	0·969

* The Numbers in these Columns are not observed but interpolated for the sake of obtaining the daily Means and the Numbers on the heads of them are corrections of interpolations.

BAROMETRIC PRESSURE (Corrected)

Barometer at 32°= 29 English Inches + the number in the Table.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. * −·0028	In.	In. * −·0061	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
MARCH 1852.																									
1	0·903	0·915	0·924	0·900	0·961	0·964	0·918	0·960	0·935	0·934	0·918	0·908	0·910	0·927	0·960	0·973	0·907	1·006	0·986	0·961	0·929	0·899	0·880	0·870	0·937
2	·870	·883	·890	·905	·923	·928	·938	·922	·913	·904	0·901	·897	·903	·911	·938	·958	·969	·983	·960	·941	·913	·879	·859	·847	·914
3	·845	·859	·865	·889	·912	·926	·993	·913	·893	·883	·878	·888	·870	·894	·907	·936	·951	·958	·948	·924	·894	·884	·846	·843	·895
4	·851	·869	·883	·905	·927	·936	·933	·930	·927	·911	·901	·898	·908	·926	·952	·985	1·008	1·009	·934	·968	·936	·907	·884	·872	·926
5	·872	·891	·900	·938	·960	·973	·961	·953	·927	·914	·907	·903	·911	·927	·949	·980	0·984	0·993	·986	·953	·922	·902	·882	·875	·933
6	·880	·890	·903	·923	·944	·960	·947	·935	·929	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·925	·933	·920	·931	·947	·960	·986	1·004	1·026	1·017	·995	·970	·948	·928	·917	·947
8	·918	·932	·947	·973	·994	1·006	1·004	·995	·984	·968	·957	·952	·958	·979	·993	1·015	·032	·089	·022	1·015	·987	·959	·933	·919	·979
9	·920	·934	·945	·954	·982	0·997	·000	·980	·967	·946	·930	·928	·933	·942	·957	0·985	·001	·004	0·995	0·973	·943	·921	·891	·060	·950
10	·875	·883	·893	·907	·941	·947	0·959	·949	·919	·906	·898	·893	·901	·917	·937	·964	0·976	0·977	·961	·938	·905	·875	·849	·844	·917
11	·846	·864	·853	·899	·925	·941	·941	·920	·918	·909	·905	·904	·918	·934	·964	·985	1·003	1·008	·992	·979	·938	·908	·882	·850	·928
12	·890	·927	·912	·940	·957	·963	·963	·947	·937	·928	·914	·905	·909	·992	·947	·988	0·981	0·984	·972	·953	·925	·897	·870	·865	·982
13	·867	·880	·887	·897	·927	·949	·938	·915	·900	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·863	·833	·824	·828	·847	·877	·892	·918	·938	·925	·887	·884	·822	·802	·796	·877
15	·720	·815	·835	·859	·883	·887	·896	·888	·894	·875	·871	·857	·855	·880	·899	·929	·944	·947	·949	·931	·893	·875	·847	·835	·881
16	·839	·884	·879	·897	·921	·925	·918	·897	·883	·877	·878	·874	·887	·908	·937	·958	·980	·980	·973	·939	·907	·883	·851	·838	·905
17	·831	·837	·834	·849	·871	·885	·883	·868	·853	·849	·837	·832	·832	·845	·861	·895	·908	·912	·901	·887	·867	·832	·792	·700	·856
18	·752	·781	·791	·818	·852	·876	·872	·829	·803	·798	·799	·808	·830	·839	·853	·871	·884	·858	·895	·884	·851	·818	·797	·772	·832
19	·786	·808	·822	·835	·852	·884	·873	·867	·881	·848	·841	·835	·841	·862	·900	†·884	·932	·957	·958	·924	·889	·858	·824	·808	·855
20	·808	·828	·834	·853	·867	·898	·904	·899	·859	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·883	·859	·875	·880	·903	·920	·945	·955	·951	·943	·921	·885	·855	·829	·814	·882
22	·814	·826	·839	·850	·863	·890	·886	·882	·871	·859	·852	·849	·859	·877	·902	·923	·937	·938	·928	·895	·870	·843	·832	·814	·871
23	·807	·814	·819	·823	·852	·877	·875	·865	·853	·837	·827	·820	·825	·831	·864	·885	·899	·892	·883	·872	·841	·832	·823	·819	·848
24	·818	·809	·832	·851	·870	·872	·880	·870	·859	·838	·830	·822	·828	·841	·875	·899	·910	·915	·897	·869	·840	·812	·788	·705	·849
25	·751	·748	·754	·777	·798	·809	·812	·793	·787	·777	·773	·781	·781	·774	·797	·813	·829	·823	·815	·785	·751	·722	·713	·708	·777
26	·707	·715	·737	·759	·772	·803	·794	·786	·772	·758	·742	·733	·734	·750	·784	·799	·819	·811	·801	·774	·746	·719	·699	·691	·759
27	·694	·715	·735	·759	·787	·797	·798	·788	·768	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·720	·818	·818	·831	·846	·873	·899	·918	·913	·893	·889	·833	·798	·773	·758	·813
29	·767	·785	·775	·796	·818	·832	·840	·835	·831	·809	·792	·784	·789	·802	·824	·863	·880	·869	·881	·852	·801	·771	·744	·734	·809
30	·732	·735	·752	·753	·803	·812	·803	·794	·783	·762	·759	·764	·781	·803	·828	·852	·872	·877	·868	·839	·814	·784	·752	·738	·795
31	·732	·741	·737	·784	·800	·821	·822	·815	·800	·789	·784	·794	·818	·827	·851	·882	·893	·897	·858	·868	·834	·806	·778	·765	·812
Means.	·821	·833	·848	·865	·889	·902	·900	·889	·878	·864	·858	·853	·860	·877	·900	·923	·940	·944	·934	·910	·879	·851	·829	·818	0·878
										* −·0028		* −·0058													
APRIL 1852.																									
1	0·769	0·788	0·808	0·833	0·861	0·863	0·849	0·851	0·840	0·823	0·809	0·790	0·800	0·825	0·845	0·865	0·883	0·883	0·873	0·847	0·812	0·794	0·716	0·740	0·836
2	·746	·768	·777	·796	·828	·834	·824	·817	·803	·792	·792	·786	·791	·800	·813	·843	·868	·885	·858	·844	·814	·781	·765	·748	·806
3	·745	·754	·707	·799	·810	·830	·842	·834	·894	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·830	·849	·842	·853	·867	·892	·914	·940	·942	·938	·918	·882	·865	·843	·833	·881
5	·833	·849	·854	·887	·881	·894	·905	·901	·881	·877	·869	·882	·866	·892	·916	·943	·964	·971	·968	·948	·925	·904	·888	·875	·898
6	·868	·878	·891	·910	·921	·935	·922	·926	·895	·871	·853	·854	·866	·887	·897	·928	·944	·948	·941	·926	·907	·872	·859	·850	·859
7	·842	·857	·878	·883	·892	·911	·907	·907	·856	·835	·872	·873	·878	·882	·896	·924	·940	·946	·938	·919	·890	·867	·851	·842	·892
8	·837	·849	·862	·823	·925	·924	·920	·912	·908	·850	·876	·870	·883	·858	·919	·942	·949	·944	·931	·901	·882	·832	·817	·806	·891
9	·800	·814	·825	·838	·858	·865	·888	·863	·860	·840	·834	·834	·848	·870	·898	·923	·947	·941	·902	·901	·879	·850	·832	·805	·889
10	·801	·825	·839	·883	·880	·890	·891	·890	·894	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·884	·842	·851	·885	·852	·907	·887	·947	·947	·932	·918	·879	·857	·881	·814	·877
12	·814	·897	·854	·872	·902	·939	·939	·923	·908	·894	·854	·884	·895	·901	·925	·947	·962	·962	·958	·937	·903	·873	·858	·847	·901
13	·848	·865	·885	·906	·933	·955	·948	·935	·924	·904	·882	·887	·897	·904	·932	·958	·974	·982	·977	·953	·927	·902	·876	·854	·912
14	·862	·878	·899	·913	·931	·950	·948	·940	·924	·915	·901	·895	·901	·918	·942	·968	·988	·954	·982	·960	·920	·892	·888	·843	·923
15	·844	·860	·883	·908	·932	·946	·948	·940	·924	·905	·895	·889	·891	·904	·922	·941	·950	·944	·920	·900	·888	·835	·813	·799	·899
16	·795	·811	·826	·851	·885	·889	·882	·888	·877	·858	·846	·843	·851	·863	·882	·919	·921	·912	·905	·885	·855	·827	·803	·787	·861
17	·792	·803	·825	·838	·855	·878	·852	·874	·865	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·854	·858	·858	·865	·877	·821	·904	·918	·913	·871	·880	·843	·829	·807	·727	·859
19	·798	·812	·825	·842	·866	·883	·888	·881	·877	·820	·847	·833	·840	·881	·862	·871	·883	·879	·861	·830	·802	·782	·750	·732	·840
20	·728	·740	·763	·758	·775	·787	·782	·784	·772	·787	·767	·780	·765	·778	·792	·811	·820	·832	·813	·789	·751	·721	·690	·671	·758
21	·885	·673	·889	·708	·730	·743	·746	·744	·728	·702	·896	·695	·706	·726	·746	·702	·773	·774	·769	·740	·712	·883	·867	·880	·718
22	·657	·677	·888	·709	·731	·748	·745	·744	·738	·731	·728	·727	·737	·752	·772	·804	·806	·804	·793	·785	·741	·790	·706	·693	·732
23	·689	·705	·727	·751	·781	·800	·800	·794	·786	·782	·784	·782	·792	·803	·818	·839	·840	·846	·830	·821	·801	·784	·787	·750	·787
24	·751	·744	·766	·783	·809	·810	·824	·822	·820	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·803	·791	·712	·812	·828	·841	·874	·881	·889	·864	·883	·830	·809	·788	·769	·817
26	·759	·789	·789	·814	·883	·853	·859	·842	·837	·820	·807	·803	·811	·822	·835	·866	·873	·872	·852	·834	·813	·772	·753	·743	·819
27	·739	·758	·789	·789	·804	·819	·818	·812	·793	·782	·749	·751	·765	·777	·756	·831	·843	·843	·832	·804	·778	·741	·714	·692	·783
28	·882	·897	·717	·748	·783	·750	·782	·784	·779	·761	·748	·754	·771	·791	·810	·828	·855	·844	·828	·818	·791	·754	·734	·720	·774
29	·713	·797	·746	·765	·784	·803	·793	·791	·780	·758	·741	·748	·782	·791	·833	·880	·879	·880	·887	·845	·816	·781	·754	·737	·790
30	·739	·738	·765	·798	·835	·837	·843	·832	·824	·809	·798	·752	·797	·816	·829	·840	·848	·847	·829	·815	·777	·749	·727	·711	·799
31																									
Means.	·773	·787	·804	·895	·846	·861	·861	·855	·845	·830	·820	·812	·827	·843	·861	·886	·900	·900	·888	·860	·839	·811	·782	·774	0·830

* The Numbers in these Columns are not observed but interpolated for the sake of obtaining the daily Means and the Numbers on the heads of them are corrections of interpolations.

† ·884 Correct.

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BAROMETRIC PRESSURE (Corrected)

Barometer at 32°=29 English Inches + the number in the Table.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	P. M. h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
MAY 1852.										* −·0079		* −·0063													
1	0·714	0·729	0·749	0·764	0·785	0·800	0·791	0·787	0·778	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·775	0·777	0·773	0·795	0·800	0·834	0·814	0·868	0·869	0·863	0·844	0·815	0·790	0·777	0·753	0·755
3	·760	·774	·783	·810	·851	·828	·839	·826	·808	·782	·761	·759	·709	·770	·780	·817	·834	·842	·820	·808	·794	·754	·736	·725	·754
4	·725	·739	·758	·737	·813	·838	·818	·799	·785	·760	·758	·754	·763	·770	·789	·810	·822	·831	·827	·806	·783	·768	·742	·736	·764
5	·729	·743	·788	·781	·793	·806	·797	·784	·755	·748	·743	·735	·740	·747	·771	·787	·801	·807	·791	·778	·767	·741	·717	·704	·764
6	·717	·725	·747	·770	·789	·802	·766	·756	·735	·723	·714	·717	·733	·755	·769	·787	·791	·758	·792	·779	·756	·724	·705	·690	·752
7	·684	·709	·732	·773	·611	·805	·798	·791	·777	·772	·773	·771	·781	·753	·812	·816	·808	·755	·779	·762	·728	·708	·884	·672	·784
8	·677	·890	·725	·747	·773	·786	·795	·783	·781	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·724	·692	·689	·898	·694	·701	·731	·737	·732	·724	·710	·674	·658	·843	·631	·715
10	·618	·636	·672	·712	·717	·731	·724	·700	·891	·710	·734	·740	·757	·758	·737	·717	·727	·718	·730	·732	·700	·872	·860	·655	·706
11	·663	·674	·632	·701	·723	·729	·794	·717	·711	·697	·688	·859	·701	·710	·725	·742	·733	·732	·718	·704	·687	·667	·851	·644	·701
12	·657	·680	·670	·715	·738	·743	·736	·740	·702	·685	·674	·673	·684	·688	·702	·745	·770	·774	·759	·736	·707	·671	·649	·642	·705
13	·641	·653	·677	·687	·713	·730	·725	·709	·678	·062	·659	·853	·667	·676	·693	·713	·712	·712	·716	·705	·681	·656	·635	·641	·683
14	·648	·840	·665	·694	·721	·741	·730	·731	·701	·679	·663	·663	·678	·700	·797	·744	·743	·749	·742	·716	·702	·678	·656	·642	·698
15	·048	·660	·712	·729	·741	·795	·794	·787	·768	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·734	·706	·704	·714	·737	·784	·790	·818	·826	·822	·815	·784	·759	·727	·712	·752
17	·708	·719	·731	·702	·789	·793	·789	·773	·746	·738	·736	·738	·752	·764	·787	·811	·825	·827	·823	·807	·704	·781	·736	·726	·768
18	·708	·718	·744	·767	·794	·800	·808	·787	·773	·749	·730	·728	·789	·773	·788	·800	·805	·804	·750	·781	·767	·749	·735	·711	·765
19	·709	·718	·745	·753	·769	·778	·798	·758	·742	·732	·723	·726	·737	·761	·778	·011	·812	·811	·794	·771	·746	·728	·682	·667	·752
20	·670	·693	·698	·732	·758	·756	·756	·743	·724	·713	·707	·708	·729	·730	·759	·767	·767	·805	·789	·770	·747	·793	·700	·675	·735
21	·885	·709	·725	·753	·766	·771	·779	·773	·755	·736	·723	·721	·732	·742	·764	·788	·799	·759	·780	·766	·741	·718	·696	·685	·748
22	·892	·698	·712	·722	·757	·773	·770	·756	·725	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·731	·742	·723	·737	·759	·789	·603	·817	·828	·758	·781	·789	·747	·725	·706	·754
24	·700	·715	·748	·775	·801	·818	·611	·799	·789	·780	·777	·772	·779	·793	·815	·830	·836	·836	·818	·803	·770	·758	·739	·715	·782
25	·709	·713	·731	·754	·779	·806	·809	·792	·773	·749	·750	·751	·765	·777	·798	·828	·837	·832	·800	·786	·750	·734	·701	·883	·767
26	·685	·697	·727	·787	·781	·728	·766	·757	·745	·728	·733	·727	·733	·737	·757	·771	·786	·778	·763	·714	·715	·691	·676	·062	·739
27	·671	·686	·702	·747	·777	·782	·789	·773	·748	·797	·712	·713	·726	·737	·765	·785	·800	·800	·781	·767	·735	·711	·680	·661	·741
28	·660	·674	·708	·732	·753	·784	·770	·744	·730	·717	·709	·709	·722	·736	·752	·789	·770	·773	·761	·747	·723	·886	·853	650	·726
29	·659	·897	·705	·716	·733	·781	·771	·740	·728	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·711	·700	·700	·712	·722	·750	·773	·787	·785	·791	·779	·754	·733	·718	·652	·735
31	·892	·708	·738	·784	·781	·785	·787	·773	·763	·752	·748	·749	·783	·766	·805	·820	·841	·837	·832	·823	·608	·789	·761	·770	·779
Means.	·686	·700	·721	·748	·770	·782	·779	·764	·746	·731	·724	·723	·734	·746	·766	·785	·795	·757	·782	·770	·745	·721	·700	·687	0·748
JUNE 1852.										* −·0029		* −·0048													
1	0·760	0·768	0·748	0·812	0·827	0·849	0·872	0·853	0·838	0·817	0·834	0·806	0·810	0·820	0·829	0·857	0·862	0·860	0·849	0·836	0·811	0·764	0·764	0·736	0·819
2	·722	·730	·737	·765	·785	·804	·616	·797	·787	·767	·752	·750	·756	·784	781	·751	·812	·615	·792	·771	·748	·717	·693	·672	784
3	·663	·679	·893	·719	·728	·760	·769	·760	·754	·742	·736	·733	·739	·748	·756	·778	·785	·702	·772	·755	·727	·704	·685	·664	·734
4	·655	·660	·678	·705	·728	·737	·756	·755	·746	·732	·724	·718	·717	·724	·740	·743	758	·752	·741	·794	·708	·690	·873	·860	·718
5	·655	·659	·689	·714	·743	·758	760	·758	·747	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·722	·702	·706	·719	·737	·745	·768	·760	·756	·751	·726	·655	·668	·642	·626	·717
7	·694	·633	650	·671	·654	·702	·704	·701	·683	·677	·672	·665	·668	·672	·702	·716	·739	·740	·725	·708	·677	·660	·816	·633	·652
8	·821	·637	668	·683	·706	·722	·718	·711	·701	·888	·680	·670	·682	·888	·708	·718	·733	·736	·736	·716	·701	·662	·660	·646	·692
9	·837	·645	872	·695	·713	·724	·729	·723	·702	·686	·679	·673	·678	·684	·703	·721	·724	·715	·656	·703	·696	·671	·646	·621	·689
10	·817	·624	651	·670	·703	·713	·714	·713	·709	·699	·695	·655	·704	·718	·740	·752	·753	·747	·739	·791	·691	·888	·853	·636	·657
11	·627	630	·652	·673	·898	·720	·714	·706	·673	·652	·057	·659	670	·686	·713	727	·730	·741	·794	·707	·687	·805	·649	·631	·654
12	·630	·653	·662	·677	·657	·709	·719	·713	·892	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·680	·667	·080	·663	·672	·697	·723	·724	·727	·709	·694	·664	·828	·596	·575	·677
14	·587	·611	·626	·653	·675	·711	·723	·713	·885	·666	·652	·648	·649	·637	·661	·873	·688	·693	·681	·667	·834	·805	·576	·550	·653
15	·555	·593	·601	·611	·634	·847	·668	·649	·640	·821	807	·503	·608	·023	·635	·659	·678	·680	·673	·665	·851	·637	·610	·593	·631
16	·874	·580	·609	·632	·667	·076	·888	·651	·866	·637	·851	·614	·616	·659	·634	·887	·706	·711	·703	·616	·666	·644	·620	·808	·657
17	·604	·616	·652	·672	·702	·715	·706	·704	·701	·662	·682	·680	·857	·700	·791	·729	·799	·733	·727	·720	·704	·678	·658	·645	·690
18	·630	† ·660	† ·668	·699	·710	·722	·744	·738	·730	·711	·708	·708	·717	·707	·739	·739	·746	·740	·735	·721	·627	·679	·547	·630	·706
19	·628	·641	·682	·719	·746	·752	·769	·760	·746	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·706	·671	·664	·067	·677	·885	·703	·702	·705	·692	·675	·658	·637	·619	·615	·687
21	·614	·608	·637	·645	·658	·672	·682	·673	·661	·651	·647	·632	·666	·675	·693	·709	·723	·722	·708	·704	·682	·653	·624	·615	·866
22	·598	·610	·627	·647	·665	·673	·686	·680	·675	·669	·668	·669	·630	·700	·730	·750	·757	·757	·746	·734	·716	·699	·676	·668	·687
23	·666	·674	·704	·733	·768	·773	·765	·749	·734	·729	·729	·726	·738	·751	·773	·764	·795	·797	·787	·761	·763	·746	·727	·713	·748
24	·706	·714	·731	·760	·755	·812	·813	·792	·781	·761	·747	·746	·775	·791	·809	·819	·837	·833	·819	·805	·774	·747	·718	·708	·775
25	·701	·711	·741	·771	·792	·806	·815	·788	·780	·785	·758	·761	·778	·782	·798	·804	·821	·816	·603	·765	·758	·739	·714	·704	·771
26	·694	·704	·712	·736	·750	·757	·747	·737	·725	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·727	·735	·744	·762	·774	·800	·824	·839	·843	·829	·808	·775	·749	·718	·692	·758
28	·695	·705	·723	·766	·774	·784	·797	·787	·779	·765	·757	·751	·754	·775	·790	·806	·817	·825	·813	·793	·785	·724	·701	·680	·704
29	·674	·678	·695	·718	·736	·764	·755	·780	·774	·755	·742	·744	·756	·760	·791	·810	·824	·631	·818	·802	·770	·750	·726	·701	·738
30	·658	·705	·720	·742	·773	·805	·821	·617	·800	·778	·752	·764	·776	·793	·790	·815	·525	·527	·817	·800	·773	·738	·713	·857	·773
31																									
Means.	·647	·659	·672	·703	·726	·741	·749	·740	·727	·712	·703	·702	·710	·720	·740	·754	·764	·765	·753	·739	·715	·690	·668	·651	0·715

* The Numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily Means and the Numbers on the heads of them are corrections of interpolations.

† ·660 & ·668 Correct.

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BAROMETRIC PRESSURE.

Barometer at 32°=29 English inches + the number in the Table.

Gottingen Mean Time	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
										* —·0030		* —·005													
JULY 1852. 1	0·698	0·701	0·732	0·760	0·799	0·793	0·797	0·802	0·781	0·736	0·755	0·749	0·750	0·757	0·780	0·796	0·804	0·808	0·806	0·794	0·769	0·747	0·731	0·691	0·765
2	·682	·697	·708	·736	·762	·778	·797	·787	·769	·759	·753	·765	·784	·789	·785	·791	·767	·816	·813	·789	·776	·745	·712	·705	·762
3	·721	·731	·744	·771	·820	·817	·813	·794	·789	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·767	·749	·747	·752	·760	·764	·786	·793	·789	·770	·755	·733	·702	·674	·652	·758
5	·669	·657	·688	·723	·746	·751	·755	·751	·727	·709	·694	·693	·698	·707	·728	·747	·756	·753	·735	·712	·698	·681	·659	·635	·713
6	·630	·639	·666	·689	·718	·734	·752	·741	·722	·710	·702	·702	·706	·713	·726	·732	·739	·736	·716	·691	·668	·643	·613	·600	·695
7	·604	·610	·626	·651	·673	·681	·657	·639	·677	·672	·670	·669	·674	·680	·695	·701	·709	·704	·691	·672	·647	·623	·603	·594	·663
8	·586	·609	·623	·640	·659	·632	·678	·673	·637	·644	·635	·634	·640	·661	·672	·675	·690	·680	·664	·647	·638	·609	·602	·593	·645
9	·588	·595	·621	·649	·660	·663	·679	·671	·648	·639	·634	·634	·640	·647	·673	·689	·710	·713	·706	·692	·666	·643	·624	·616	·655
10	·614	·623	·643	·676	·703	·713	·723	·727	·717	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·716	·711	·705	·705	·712	·722	·733	·743	·749	·743	·735	·698	·677	·662	·642	·700
12	·641	·647	·658	·682	·706	·727	·746	·738	·731	·721	·710	·719	·729	·743	·744	·757	·772	·777	·762	·742	·720	·701	·690	·676	·719
13	·680	·695	·719	·748	†·800	·773	·762	·767	·763	·769	·778	·773	·775	·780	·812	·813	·812	·803	·774	·761	·745	·721	·713	·718	·761
14	·723	·730	·745	·774	·792	·810	·814	·802	·783	·778	·777	·779	·785	·792	·793	·796	·797	·798	·782	·772	·743	·719	·708	·698	·771
15	·723	·720	·744	·772	·802	·809	·811	·810	·791	·776	·758	·753	·754	·773	·804	·804	·811	·810	·795	·783	·762	·739	·720	·698	·772
16	·694	·711	·729	·750	·774	·780	·783	·776	·770	·752	·738	·741	·751	·769	·795	·795	·774	·767	·750	·743	·729	·718	·702	·686	·749
17	·673	·684	·702	·720	·751	·758	·761	·785	·774	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·762	·754	·743	·738	·760	·787	·788	·791	·795	·789	·784	·783	·766	·749	·716	·755
19	·710	·702	·718	·738	·760	·774	·784	·792	·787	·767	·752	·748	·751	·768	·786	·797	·827	·821	·811	·800	·767	·756	·741	·712	·766
20	·702	·721	·739	·758	·781	·800	·795	·800	·779	·767	·769	·749	·747	·765	·765	·776	·779	·774	·769	·746	·706	·657	·669	·673	·751
21	·663	·681	·691	·707	·723	·736	·747	·734	·713	·708	·706	·680	·661	·643	·653	·661	·670	·670	·681	·715	·698	·708	·645	·604	·683
22	·598	·638	·648	·670	·699	·716	·726	·732	·721	·704	·691	·695	·705	·709	·725	·745	·752	·769	·757	·732	·712	·686	·676	·662	·703
23	·664	·681	·686	·702	·734	·743	·744	·738	·712	·700	·693	·694	·702	·732	·735	·740	·752	·768	·753	·743	·723	·717	·688	·664	·717
24	·672	·692	·702	·738	·741	·751	·750	·741	·730	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·740	·753	·751	·756	·762	·773	·782	·792	·801	·752	·775	·745	·727	·695	·664	·744
26	·663	·669	·689	·716	·731	·746	·767	·763	·754	·745	·740	·738	·743	·751	·756	·768	·771	·763	·753	·734	·710	·673	·648	·630	·726
27	·625	·631	·644	·679	·703	·709	·755	·747	·731	·710	·694	·638	·689	·706	·726	·743	·766	·768	·759	·742	·718	·681	·672	·645	·706
28	·658	·652	·679	·700	·716	·733	·724	·721	·707	·701	·699	·694	·695	·713	·736	·754	·759	·754	·748	·736	·720	·693	·664	·643	·708
29	·638	·651	·683	·720	·744	·751	·760	·755	·745	·735	·729	·718	·715	·719	·728	·748	·772	·777	·773	·768	·743	·731	·706	·689	·729
30	·686	·684	·692	·732	·786	·800	·812	·803	·783	·778	·777	·772	·775	·781	·788	·798	·803	·805	·789	·778	·764	·752	·726	·704	·766
31																									
Means.	·661	·673	·689	·715	·739	·751	·759	·756	·741	·732	·724	·721	·724	·735	·748	·758	·767	·768	·757	·744	·722	·702	·680	·662	0·726
										* —·0016		* —·0030													
JULY 31st.	0·698	0·706	0·701	0·730	0·759	0·786	0·792	0·783	0·761	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
AUGUST 1852. 1	—	—	—	—	—	—	—	—	—	0·727	0·691	0·687	0·689	0·693	0·698	0·721	0·729	0·726	0·715	0·708	0·675	0·641	0·620	0·604	0·709
2	·613	·627	·653	·679	·693	·710	·715	·704	·692	·687	·685	·680	·681	·689	·710	·724	·737	·736	·725	·709	·689	·673	·654	·646	·688
3	·642	·651	·675	·709	·730	·744	·756	·752	·745	·734	·726	·724	·729	·734	·757	·780	·785	·783	·778	·754	·729	·701	·677	·665	·728
4	·650	·666	‡·730	·723	·747	·753	·745	·739	·729	·719	·712	·705	·704	·657	·708	·718	·735	·734	·724	·715	·690	·670	·636	·611	·707
5	·602	·626	·635	·653	·688	·710	·705	·697	·685	·667	·653	·646	·645	·656	·669	·695	·717	·715	·707	·683	·645	·624	·608	·577	·663
6	·568	·567	·599	·624	·663	·692	·703	·684	·679	·674	·673	·672	·677	·684	·704	·729	·741	·737	·731	·723	·708	·695	·669	·659	·678
7	·661	·671	·683	·706	·734	·758	·757	·745	·738	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·753	·772	·768	·770	·784	·811	·835	·829	·821	·803	·782	·749	·725	·702	·656	·753
9	·704	·714	·720	·740	·755	·781	·795	·785	·768	·757	·750	·750	·755	·761	·783	·802	·812	·809	·793	·783	·751	·727	·715	·704	·759
10	·710	·716	·730	·751	·773	·784	·789	·783	·770	·765	·763	·765	·773	·783	·809	·838	·843	·844	·832	·806	·780	·764	·739	·727	·776
11	·723	·734	·755	·769	·786	·797	·807	·791	·788	·784	·783	·782	·788	·795	·826	·841	·854	·845	·833	·816	·781	·760	·735	·717	·787
12	·723	·742	·755	·782	·798	·817	·832	·824	·817	·800	·787	·789	·795	·809	·832	·851	·855	·860	·843	·812	·780	·751	·724	·708	·795
13	·710	·724	·731	·742	·761	·774	·787	·775	·763	·758	·756	·754	·759	·769	·791	·822	·829	·833	·824	·805	·770	·742	·719	·701	·767
14	·696	·712	·728	·745	·776	·791	·811	·811	·796	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·799	·805	·807	·814	·825	·825	·836	·845	·841	·837	·812	·788	·766	·749	·725	·790
16	·723	·723	·732	·746	·763	·775	·786	·780	·769	·760	·755	·748	·746	·757	·760	·782	·801	·797	·783	·777	·756	·743	·721	·700	·758
17	·692	·711	·719	·727	·743	·754	·761	·751	·748	·720	·693	·692	·697	·728	·742	·764	·778	·785	·783	·776	·749	·731	·707	·683	·735
18	·675	·678	·684	·707	·733	·746	·760	·741	·715	·708	·704	·708	·718	·726	·740	·758	·771	·783	·775	·767	·744	·724	·701	·685	·727
19	·680	·689	·703	·728	·766	·785	·706	·771	·752	·738	·727	·728	·735	·748	·769	·792	·800	·758	·790	·785	·778	·766	·749	·727	·754
20	·737	·745	·751	·763	·784	·796	·809	·794	·762	·743	·728	·723	·725	·743	·780	·796	·799	·807	·802	·779	·754	·732	·716	·694	·761
21	·693	·702	·724	·738	·764	·778	·786	·764	·752	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·759	·769	·765	·768	·787	·807	·839	·851	·851	·846	·833	·805	·781	·756	·736	·778
23	·731	·742	·756	·789	·816	·828	·823	·808	·796	·787	·782	·735	·794	·813	·825	·852	·859	·850	·839	·826	·802	·777	·751	·743	·799
24	·747	·757	·767	·784	·811	·827	·837	·823	·813	·807	·804	·810	·821	·825	·842	·862	·866	·864	·854	·836	·814	·795	·780	·768	·813
25	·772	·783	·810	·833	·865	·882	·874	·861	·842	·839	·840	·840	·846	·862	·890	·909	·918	·911	·858	·879	·847	·832	·818	·800	·852
26	·789	·809	·841	·871	·887	·895	·899	·883	·878	·870	·866	·869	·877	·891	·908	·927	·936	·931	·917	·888	·855	·826	·805	·784	·872
27	·785	·810	·829	·846	·875	·892	·900	·890	·883	·877	·875	·877	·885	·900	·917	·932	·929	·918	·894	·869	·843	·812	·795	·782	·868
28	·786	·801	·818	·839	·868	·884	·890	·892	·869	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·839	·811	·804	·804	·810	·830	·867	·892	·888	·878	·852	·823	·792	·760	·752	·835
30	·745	·766	·775	·797	·823	·843	·853	·832	·795	·774	·757	·753	·754	·769	·787	·813	·821	·818	·812	·801	·779	·750	·737	·714	·786
31	·698	·722	·731	·755	·775	·800	·810	·785	·767	·746	·728	·733	·742	·753	·771	·785	·795	·794	·782	·764	·740	·714	·697	·683	·753
Means.	·702	·715	·731	·751	·775	·792	·799	·787	·773	·762	·755	·757	·759	·770	·789	·809	·820	·818	·807	·790	·764	·742	·720	·704	0·766

* The Numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily Means and the Numbers on the heads of them are corrections of interpolations.

† 800 Correct V-lt-Rain at that time rejected in the hourly mean.

‡ 730 Correct Rain and thunder at that time.

BAROMETRIC PRESSURE.

Barometer at 32°=29 English inches + the number in the Table.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
SEPTEMBER 1852.										* −·0047		* −·0047													
1	0·699	0·722	0·739	0·734	0·766	0·796	0·805	0·783	0·783	0·741	0·724	0·728	0·733	0·753	0·771	0·799	0·810	0·794	0·781	0·763	0·749	0·725	0·696	0·682	0·758
2	·684	·694	·719	·748	·789	·783	·778	·771	·765	·741	·729	·720	·780	·741	·763	·777	·789	·783	·778	·780	·733	·703	·681	·670	·749
3	·667	·673	·658	·730	·758	·762	·767	·763	·739	·712	·702	·698	·700	·708	·712	·789	·759	·749	·789	·715	·891	·665	·644	·638	·714
4	·632	·656	·675	·689	·714	·730	·734	·715	·698	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·718	·730	·728	·737	·746	·770	·781	·807	·808	·793	·776	·750	·738	·717	·714	·733
6	·718	·737	·756	·773	·803	·814	·815	·806	·786	·780	·780	·779	·788	·793	·813	·836	·837	·831	·811	·785	·762	·783	·709	·699	·781
7	·700	·724	·780	·785	·815	·826	·817	·816	·806	·788	·775	·788	·774	·781	·789	·809	·823	·827	·814	·788	·768	·768	·718	·706	·761
8	·794	·738	·773	·797	·816	·823	·824	·808	·790	·770	·756	·749	·761	·767	·783	·826	·831	·841	·840	·814	·784	·764	·730	·717	·783
9	·724	·748	·773	·758	·828	·836	·820	·807	·788	·764	·745	·743	·753	·755	·787	·798	·808	·814	·798	·777	·746	·720	·701	·656	·778
10	·693	·716	·758	·774	·795	·811	·808	·774	·754	·738	·728	·724	·783	·787	·770	·799	·814	·756	·789	·757	·789	·790	·691	·695	·755
11	·697	·711	·734	·752	·785	·808	·813	·798	·770	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·720	·876	·873	·681	·688	·707	·729	·780	·788	·758	·781	·697	·884	·664	·643	·724
13	·847	·665	·884	·712	·738	·748	·738	·798	·713	·893	·880	·874	·679	·886	·700	·781	·729	·785	·727	·694	·874	·652	·697	·617	·694
14	·618	·634	·675	·686	·709	·730	·735	·782	·718	·703	·894	·699	·708	·715	·746	·770	·791	·790	·778	·748	·798	·704	·678	·668	·714
15	·674	·681	·708	·732	·754	·771	·768	·752	·747	·740	·738	·748	·763	·774	·794	·827	·830	·831	·815	·788	·749	·730	·697	·684	·764
16	·683	·705	·722	·730	·770	·786	·798	·791	·778	·766	·762	·761	·772	·782	·803	·830	·838	·820	·807	·772	·733	·898	·681	·885	·781
17	·670	·876	·707	·722	·750	·763	·766	·756	·742	·720	·703	·699	·706	·719	·748	·778	·783	·787	·768	·749	·713	·882	·658	·644	·768
18	·849	·864	·680	·718	·738	·758	·780	·754	·741	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·780	·786	·758	·808	·898	·858	·883	·899	·883	·881	·638	·801	·778	·758	·781	·789
20	·751	·788	·786	·613	·840	·856	·850	·840	·833	·828	·823	·826	·834	·847	·877	·898	·920	·913	·898	·878	·851	·821	·784	·779	·838
21	·780	·798	·817	·840	·867	·886	·881	·878	·864	·847	·836	·833	·842	·862	·878	·894	·901	·891	·869	·838	·799	·768	·724	·710	·837
22	·718	·782	·757	·787	·864	·841	·838	·668	·812	·798	·785	·780	·788	·792	·806	·868	·833	·829	·821	·778	·748	·718	·695	·650	·784
23	·700	·719	·736	·762	·784	·794	·796	·787	·776	·760	·760	·748	·768	·788	·796	·825	·842	·887	·826	·758	·788	·744	·723	·719	·772
24	·739	·749	·764	·786	·807	†·793	·808	·804	·791	·778	·706	·785	·776	·783	·810	·837	·846	·844	·831	·811	·780	·758	·735	·739	·787
25	·731	·739	·760	·784	·814	·899	·895	·894	·816	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·802	·793	·791	·800	·808	·823	·850	·867	·854	·831	·800	·763	·780	·708	·700	·793
27	·714	·787	·748	·768	·790	·808	·803	·799	·791	·778	·758	·759	·771	·781	·805	·838	·837	·836	·805	·778	·747	·729	·710	·709	·774
28	·717	·729	·751	·774	·787	·800	·861	·807	·797	·787	·788	·795	·819	‡·817	·829	·868	·884	·851	·887	·828	·737	·766	·749	·753	·800
29	·785	·771	·756	·834	·868	·864	·861	·855	·869	·839	·841	·847	·865	·898	·913	·934	·936	·924	·898	·888	·843	·866	·803	·798	·852
30	·818	·828	·851	·886	·900	·897	·890	·885	·884	·876	·873	·878	·889	·904	·997	·946	·946	·937	·818	·883	·858	·826	·811	·801	·879
31																									
Means.	·704	·718	·743	·766	·791	·804	·804	·794	·780	·766	·758	·768	·767	·777	·788	·823	·835	·830	·816	·788	·769	·734	·711	·703	0·779
OCTOBER 1852.										* −·0047		* −·0047													
1	0·868	0·926	0·847	0·867	0·891	0·898	0·896	0·881	0·873	0·868	0·861	0·851	0·861	0·874	0·898	0·910	0·900	0·914	0·888	0·860	0·856	0·804	0·786	0·775	0·861
2	·778	·873	·828	·831	·876	·889	·886	·863	·863	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·865	·885	·883	·891	·906	·898	·940	·947	·950	·936	·910	·885	·871	·881	·880	·883
4	·884	·870	·890	·917	·948	·962	·956	·939	·933	·917	·909	·909	·918	·936	·968	·981	·989	·992	·974	·943	·916	·894	·887	·885	·928
5	·897	·857	·929	·948	·974	·981	·982	·961	·948	·937	·983	·931	·938	·936	·851	·972	·983	·977	·960	·931	·906	·877	·858	·863	·938
6	·870	·887	·857	·998	·943	·845	·946	·938	·910	·890	·877	·871	·875	·882	·891	·898	·914	·918	·891	·871	·858	·825	·804	·794	·889
7	·810	·805	·810	·829	·880	·858	·845	·824	·789	·777	·773	·765	·767	·768	·767	·778	·785	·792	·757	·734	·698	·660	·642	·642	·771
8	·664	·666	·678	·704	·707	·767	·709	·687	·876	·667	·670	·878	·684	·701	·738	·749	·779	·791	·784	·745	·714	·686	·661	·654	·704
9	·679	·700	·719	·731	·738	·741	·721	·697	·838	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·898	·723	·730	·747	·785	·805	·825	·853	·862	·845	·811	·781	·768	·746	·760	·756
11	·766	·780	·754	·896	·848	·882	·854	·846	·885	·818	·818	·814	·820	·830	·857	·886	·897	·899	·883	·858	·829	·806	·798	·788	·833
12	·789	·800	·818	·843	·877	·878	·873	·871	·855	·848	·848	·846	·858	·861	·898	·906	·915	·919	·896	·881	·855	·833	·821	·819	·859
13	·829	·835	·848	·881	·900	·917	·968	·914	·905	·896	·898	·888	·850	·898	·918	·926	·940	·941	·920	·893	·874	·855	·839	·830	·890
14	·831	·833	·849	·885	·918	·928	·991	·917	·895	·884	·880	·876	·859	·893	·907	·934	·950	·945	·920	·891	·854	·831	·802	·795	·884
15	·787	·804	·833	·863	·877	·880	·881	·864	·848	·833	·826	·818	·860	·830	·855	·878	·885	·889	·878	·836	·811	·807	·776	·786	·840
16	·806	·808	·817	·849	·860	·871	·881	·863	·851	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·833	·823	·832	·850	·870	·893	·914	·936	·930	·920	·889	·858	·838	·816	·831	·869
18	·884	·846	·879	·909	·923	·931	·916	·857	·884	·867	·857	·856	·868	·898	·901	·936	·958	·957	·943	·916	·898	·867	·860	·853	·894
19	·858	·861	·862	·918	·927	·927	·918	·898	·871	·858	·858	·848	·840	·866	·897	·905	·993	·924	·897	·867	·834	·800	·793	·790	·873
20	·850	·863	·885	§·873	·881	·889	·858	·831	·808	·796	·791	·788	·782	·798	·816	·818	·827	·810	·789	·758	·738	·709	·696	·690	·804
21	·698	·708	·731	·763	·767	·769	·777	·785	·775	·768	·788	·778	·790	·804	·826	·849	·874	·860	·844	·816	·790	·775	·767	·776	·785
22	·784	·758	·823	·860	·875	·878	·878	·863	·852	·844	·843	·832	·831	·868	·866	·880	·897	·900	·885	·856	·838	·820	·807	·811	·849
23	·816	·828	·833	·868	·892	·900	·908	·898	·883	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·696	·916	·918	·930	·938	·969	·977	1·001	1·001	·988	·956	·966	·901	·886	·880	·914
25	·888	·858	·926	·968	·986	·984	·969	·981	·988	·989	·938	·924	·966	·987	·958	·971	0·999	0·987	·972	·947	·917	·881	·868	·866	·939
26	·870	·879	·918	·939	·958	·955	·951	·948	·935	·916	·904	·898	·901	·907	·933	·951	·977	·979	·959	·928	·898	·872	·858	·853	·920
27	·885	·878	·902	·939	·950	·969	·947	·945	·935	·919	·911	·910	·918	·944	·971	·988	1·006	1·009	·957	·976	·947	·918	·909	·908	·939
28	·913	·930	·958	1·001	1·022	1·027	1·017	1·006	·991	·978	·980	·958	·961	·974	1·001	1·025	·043	·044	1·007	·998	·973	·951	·935	·936	·985
29	·940	·949	·971	0·997	·008	·010	·007	1·000	·990	·969	·956	·954	·962	·974	1·000	·004	·020	·013	·000	·979	·980	·941	·918	·920	·977
30	·935	·946	·984	·989	·009	·019	·009	·959	·983	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	·963	·961	·945	·948	·958	·998	0·999	·028	·020	·001	·935	·987	·946	·939	·926	·976
Means.	·824	·864	·854	·881	0·900	0·906	0·901	·888	·873	·862	·869	·856	·863	·878	·899	·918	0·932	0·931	0·913	·856	·850	·836	·820	·818	0·875

* The Numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily Means and the Numbers on the heads of them are corrections of interpolations.

† ·793 Correct. ‡ ·817 Correct. § ·873 Correct.

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BAROMETRIC PRESSURE.

Barometer at 32°=29 English Inches + the number in the Table.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
NOVEMBER 1852.										* —·0024		* —·0058													
1	0·942	0·959	0·973	0·989	1·001	1·009	0·997	0·998	0·972	0·954	0·941	0·934	0·938	0·967	0·979	0·993	1·008	1·023	1·001	0·979	0·962	0·938	0·914	0·918	0·969
2	·989	·935	·958	·989	0·994	·000	·995	·987	·970	·958	·945	·939	·944	·981	·983	1·000	·016	·097	·004	·983	·955	·939	·922	·923	·969
3	·943	·959	·980	1·007	1·017	·030	1·025	1·019	·593	·973	·958	·987	·967	·978	·989	·013	·034	·047	·020	·595	·965	·545	·828	·130	·566
4	·941	·947	·971	0·991	·006	·006	0·997	0·994	·972	·954	·941	·943	·958	·976	·997	·017	·029	·034	·008	·988	·963	·987	·594	·918	·978
5	·998	·938	·978	·998	·005	·008	·996	·983	·953	·934	·919	·909	·930	·948	·969	0·976	0·989	0·986	0·975	·947	·921	·859	·898	·519	·554
6	·922	·930	·951	·958	0·983	0·984	·968	·959	·940	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·997	·919	·912	·916	·991	·941	·986	·989	·986	·983	·938	·904	·881	·888	·873	·987
8	·888	·897	·990	·949	·964	·982	·556	·954	·918	·908	·898	·897	·907	·918	·983	·957	·979	·975	·959	·533	·905	·873	·869	·862	·924
9	·878	·889	·909	·935	·950	·958	·951	·943	·927	·910	·897	·890	·894	·903	·928	·946	·568	·959	·944	·929	·993	·870	·854	·857	·918
10	·862	·870	·854	·903	·921	·932	·919	·904	·881	·868	·858	·850	·853	·873	·888	·909	·921	·927	·908	·885	·864	·840	·824	·827	·889
11	·831	·847	·855	·881	·897	·874	·887	·858	·839	·819	·804	·795	·803	·836	·871	·893	·925	·998	·919	·897	·878	·847	·835	·837	·860
12	·843	·862	·855	·910	·923	·932	·939	·920	·897	·884	·879	·879	·880	·887	·915	·928	·950	·952	·948	·998	·855	·859	·829	·837	·857
13	·851	·861	·850	·853	·915	·930	·934	·928	·921	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·900	·884	·881	·889	·910	·940	·560	·910	1·004	·588	·961	·539	·917	·909	·902	·920
15	·918	·987	·944	·968	·979	·579	·584	·953	·938	·918	·908	·905	·912	·919	·937	·959	·971	0·978	·959	·933	·906	·886	·877	·881	·533
16	·885	·899	·921	·947	·953	·964	·561	·949	·907	·897	·891	·890	·901	·909	·939	·558	·570	·567	·951	·934	·893	·865	·849	·843	·918
17	·849	·869	·897	·525	·537	·942	·933	·909	·890	·869	·852	·859	·864	·887	·908	·932	·558	·958	·938	·910	·899	·863	·950	·850	·898
18	·875	·854	·908	·928	·933	·949	·934	·927	·893	·873	·888	·855	·864	·881	·901	·925	·958	·557	·946	·999	·999	·877	·863	·871	·904
19	·880	·890	·910	·938	·954	·955	·938	·931	·917	·594	·876	·875	·885	·908	·929	·900	·968	·984	·961	·938	·909	·881	·874	·872	·918
20	·881	·897	·938	·998	·878	·987	·581	·969	·964	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·974	·989	·982	·987	·999	1·019	1·040	1·060	1·066	1·033	1·033	1·011	·987	·989	·962	·987
22	·972	·988	1·001	1·016	1·036	1·044	1·030	1·020	1·006	·992	·982	·978	·976	·980	0·998	·014	·037	·047	·042	·021	0·991	·981	·945	·948	1·001
23	·551	·958	0·986	0·990	·005	·018	0·997	0·994	0·986	·969	·954	·959	·989	·979	1·018	·037	·057	·043	·017	0·991	·161	·189	·915	·917	0·583
24	·926	·943	·965	·959	·009	·015	1·010	1·001	·991	·974	·961	·959	·968	·971	0·985	·018	·034	·037	·024	1·000	·969	·143	·928	·927	·989
25	·939	·950	·972	·999	·018	·032	·034	·036	1·016	·992	·971	·988	·978	·991	1·000	·037	·058	·049	·039	·013	·988	·989	·948	·942	·958
26	·549	·957	·978	1·008	·013	·020	·017	·014	0·984	·965	·949	·927	·917	·939	0·962	0·974	0·983	0·998	0·979	0·942	·914	·859	·875	·873	·559
27	·881	·891	·859	0·912	0·918	0·986	0·988	0·918	·919	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·877	·847	·949	·854	·865	·878	·893	·931	·927	·907	·881	·850	·823	·810	·801	·889
29	·801	·818	·840	·868	·879	·879	·878	·861	·834	·809	·788	·788	·795	†·782	·834	·868	·858	·896	·909	·879	·848	·815	·805	·801	·840
30	·821	·858	·879	·895	·908	·918	·819	·909	·898	·859	·886	·883	·890	·898	·904	·928	·946	·947	·934	·913	·886	·858	·844	·834	·853
31																									
Means	·885	·908	·929	·931	·965	·971	·964	·955	·988	·918	·906	·902	·908	·922	·944	·968	·986	·988	·979	·948	·990	·895	·881	·889	·934
DECEMBER 1852.										* —·0013		* —·0060													
1	0·939	0·961	0·981	0·911	0·912	0·923	0·960	0·957	0·944	0·917	0·893	0·899	0·889	0·899	0·900	0·947	0·968	0·973	0·988	0·944	0·916	0·900	0·861	0·871	0·918
2	·867	·878	·901	·910	·595	·944	·939	·911	·906	·890	·879	·873	·883	·894	·911	·941	·943	·947	·534	·924	·887	·860	·855	·849	·909
3	·859	·876	·887	·901	·918	·929	·924	·908	·858	·878	·880	·856	·862	·878	·907	·942	·960	·565	·958	·997	·504	·888	·862	·858	·900
4	·877	·906	·929	·548	·968	·978	·973	·564	·949	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·931	·919	·910	·918	·938	·979	·998	1·013	1·018	1·001	·976	·944	·919	·893	·895	·947
6	·901	·918	·936	·984	·990	1·011	·599	·977	·986	·946	·928	·924	·932	·940	·955	·996	·011	·007	0·998	·989	·984	·509	·856	·898	·995
7	·909	·929	·943	·967	·987	0·999	·984	·959	·948	·982	·918	·913	·920	·939	·999	·951	·017	·010	1·000	·980	·946	·922	·503	·893	·953
8	·902	·923	·945	·964	·979	·977	·974	·963	·937	·924	·914	·906	·910	·930	·942	·988	·007	·008	0·997	·983	·938	·918	·854	·894	·948
9	·856	·910	·939	·956	·988	·979	·964	·950	·930	·914	·900	·897	·907	·911	·940	·969	0·981	0·974	·588	·954	·814	·880	·847	·852	·529
10	·872	·891	·911	·533	·944	·938	·929	·524	·916	·900	·887	·887	·899	·903	·993	·950	·978	·572	·988	·937	·901	·883	·873	·862	·917
11	·889	·899	·913	·945	·962	·968	·965	·980	·942	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·939	·938	·938	·951	·959	·584	1·013	1·037	1·041	1·031	1·019	·953	·968	·596	·981	·587
13	·978	·985	1·002	1·017	1·026	1·030	1·020	1·030	·977	·959	·543	·938	·945	·953	·569	0·995	·007	·010	·008	0·991	·562	·534	·919	·996	·980
14	·935	·944	0·976	0·998	·021	·024	·016	·008	1·004	·934	·967	·960	·564	·971	·583	1·009	·017	·017	·009	·985	·973	·956	·941	·951	·584
15	·955	·576	·597	1·010	·033	·035	·037	·032	·021	1·000	·982	·973	·977	·982	·990	·024	·058	·065	·062	1·035	1·007	·988	·962	·958	1·008
16	·960	·988	·918	·014	·034	·053	·033	·019	·014	0·990	·965	·957	·959	·987	·988	·015	·026	·031	·025	·019	0·992	·958	·943	·944	0·998
17	·949	·961	·581	·002	·029	·037	·021	·018	0·987	·989	·958	·948	·955	·981	·975	·008	·035	·041	·039	·014	·980	·549	·923	·923	·586
18	·942	·954	·967	0·996	·014	·021	·014	·000	·985	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·985	·947	·947	·959	·587	·994	·024	·043	·039	·028	·019	·588	·980	·944	·946	·985
20	·958	·973	1·003	1·019	·042	·048	·040	·028	1·017	·998	·979	·579	·858	1·006	1·016	·058	·085	·095	·077	·049	1·019	·956	·978	·972	1·018
21	·987	1·006	·026	·058	·068	·064	·088	·040	·030	1·019	·599	·950	·959	0·997	·023	·038	·063	·058	·045	·018	0·982	·951	·943	·941	·015
22	·569	0·969	0·989	·003	·080	·019	·010	·005	0·992	0·963	·934	·999	·935	·943	0·964	0·998	·017	·018	·008	0·987	·654	·926	·514	·911	0·978
23	·918	·515	·930	0·962	0·972	0·961	0·973	0·963	·946	·931	·918	·109	·923	·929	·550	·583	·000	·001	0·991	·578	·930	·912	·858	·900	·546
24	·806	·929	·937	·964	·981	·983	·978	·967	·155	·937	·982	·915	·980	·529	·949	·980	·007	·014	1·004	·584	·955	·586	·925	·981	·955
25	·948	·979	·992	1·016	1·031	1·032	1·027	1·019	·974	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·573	·978	·965	·979	·984	1·006	1·034	·058	·062	·061	1·041	1·006	·575	·952	·542	1·002
27	·848	·953	·987	0·993	·006	·012	·009	0·996	·982	·567	·584	·941	·940	·959	0·962	0·971	0·999	0·961	0·951	0·976	0·963	·534	·507	·902	0·966
28	·911	·926	·948	·955	0·971	0·964	0·959	·549	·538	·927	·919	·912	·904	·917	·532	·962	·988	·588	·978	·567	·920	·897	·878	·587	·937
29	·509	·929	·944	·971	·994	·990	·986	·590	·989	·166	·951	·948	·957	·973	·562	1·017	1·000	1·027	1·016	·994	·958	·940	·918	·918	·970
30	·995	·941	·965	·987	1·006	1·014	1·010	1·005	·984	·970	·952	·959	·971	·588	1·008	·037	·055	·051	·044	1·021	·953	·955	·944	·931	·989
31	·543	·559	·589	·958	·024	·034	·028	·015	1·004	·990	·977	·587	·599	·978	·005	·030	·050	·049	·039	·006	·967	·939	·924	·911	·590
Means.	·920	·986	·954	·976	·953	·999	·992	·983	·988	·951	·938	·931	·987	·947	·988	·997	1·016	1·017	1·006	·987	·956	·931	·914	·918	·964

* The Numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily Means and the Numbers on the heads of them are corrections of interpolations.

† ·792 Correct.

DRY THERMOMETER (STANDARD.)

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras, Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
JANUARY 1852. 1	79·0	77·7	76·8	76·7	76·5	76·6	73·3	75·8	75·7	75·5	75·4	75·5	75·5	73·7	72·5	74·7	77·1	80·6	81·6	82·3	82·9	82·2	81·4	81·2	77·8
2	79·9	75·6	77·7	77·5	77·0	76·7	75·6	76·6	76·2	75·9	75·6	74·1	72·7	72·5	76·6	75·5	75·0	78·3	80·3	81·8	81·7	82·0	80·4	79·4	77·2
3	78·9	77·5	77·0	77·4	76·6	76·6	77·3	77·6	76·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	78·2	76·5	73·4	76·3	76·4	76·1	77·2	77·6	79·5	81·0	80·5	81·4	81·7	80·3	80·0	78·0
5	76·5	77·5	78·7	78·4	75·5	75·0	74·4	74·1	73·6	74·2	75·4	75·5	75·1	74·4	74·9	77·0	76·8	79·9	80·7	81·6	81·5	81·7	81·2	80·2	77·3
6	75·0	75·1	78·6	75·6	74·5	74·6	74·4	75·2	73·6	74·5	74·7	72·8	72·0	70·5	70·0	72·0	75·4	78·5	80·3	80·7	81·7	81·8	80·0	79·4	76·2
7	76·6	77·5	76·5	75·3	73·2	75·6	75·5	75·6	75·4	75·4	75·4	74·0	72·7	71·0	70·9	72·2	76·4	79·2	81·6	82·8	82·2	82·6	81·8	81·5	76·7
8	80·2	78·5	77·6	77·2	78·6	76·2	75·4	74·4	73·7	73·4	73·2	73·3	73·5	73·2	73·4	74·5	78·4	79·7	81·2	82·3	82·7	82·5	83·3	82·4	77·3
9	81·7	79·7	78·7	78·0	77·5	77·6	77·4	77·4	77·6	77·7	77·5	77·4	71·3	72·8	77·1	75·6	75·6	81·3	83·6	83·4	83·7	83·8	83·6	82·6	79·5
10	81·0	79·5	78·6	78·3	76·0	77·5	77·5	77·2	77·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	74·0	73·2	72·5	71·8	71·3	71·2	74·3	77·6	79·2	81·5	82·7	82·6	83·0	83·3	81·7	77·7
12	81·2	79·4	78·0	77·5	77·6	77·1	76·5	76·5	76·4	73·1	75·7	74·8	72·6	72·5	71·0	74·5	78·1	80·4	81·5	81·8	82·2	82·6	82·5	82·0	77·9
13	81·0	79·5	77·7	77·1	73·6	75·8	74·1	75·1	72·5	72·3	73·0	71·4	70·9	70·0	68·7	72·5	78·5	79·2	81·3	81·5	81·8	82·0	82·1	81·5	76·3
14	80·4	78·7	77·0	73·6	74·8	76·5	72·5	70·9	70·0	69·2	65·4	65·4	68·6	68·2	67·6	70·6	73·6	77·0	79·5	81·8	82·7	83·2	82·9	82·4	74·5
15	81·0	79·6	77·2	75·6	74·6	76·4	71·8	71·1	70·6	69·8	65·0	66·5	68·0	67·6	67·5	70·7	74·8	76·3	80·3	82·4	82·0	83·3	83·5	82·5	75·1
16	81·0	75·0	77·1	76·0	74·4	75·9	73·4	73·2	71·6	71·2	71·0	70·5	70·0	69·0	68·6	71·4	74·8	77·8	80·8	82·1	82·2	83·3	83·2	83·0	75·9
17	81·6	79·4	78·7	75·0	74·4	76·8	73·3	72·5	72·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	71·5	71·0	70·5	70·0	68·6	68·9	68·7	73·8	78·9	79·0	80·0	81·7	82·2	83·7	81·6	75·6
19	81·0	79·2	77·1	75·5	73·7	72·8	71·6	71·0	69·7	69·4	65·0	68·7	68·5	68·3	68·2	70·8	75·1	77·6	80·0	81·5	82·3	82·7	82·4	82·0	74·9
20	81·3	79·7	78·6	77·6	77·0	76·5	78·4	76·0	75·3	74·8	74·2	75·6	73·0	71·4	70·4	78·5	76·5	79·0	81·7	80·8	82·6	83·0	82·5	82·2	77·5
21	81·8	79·6	78·1	77·4	73·6	73·0	75·0	75·4	74·1	73·1	72·1	71·8	71·0	70·8	70·9	73·2	78·0	79·2	81·1	81·7	82·6	82·6	83·0	82·6	76·9
22	81·7	80·2	78·6	78·0	77·7	77·5	77·3	76·8	75·5	75·2	74·8	74·4	73·9	73·5	72·7	74·8	76·7	81·5	82·5	83·9	84·6	84·3	84·4	83·7	76·6
23	82·4	80·6	79·6	78·5	76·3	79·0	78·0	77·8	77·4	77·2	77·0	76·0	75·1	74·5	74·0	75·6	79·0	81·2	83·3	84·2	84·4	84·7	84·7	84·6	79·4
24	83·0	81·6	79·7	79·3	78·8	78·5	77·9	77·6	77·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	73·2	72·8	72·3	72·2	71·5	71·7	73·7	78·0	80·7	82·5	83·3	83·9	85·4	83·0	82·2	76·9
26	81·2	79·4	78·2	77·5	76·6	75·3	72·5	72·3	71·7	71·3	70·8	70·4	70·0	69·5	65·2	71·2	76·3	80·7	82·3	83·4	85·3	84·0	82·6	82·0	76·3
27	81·5	78·5	78·6	78·1	77·7	78·9	75·2	73·6	72·5	72·0	71·5	71·0	70·6	69·5	68·8	71·6	75·8	79·0	81·0	82·4	82·8	83·0	83·0	82·8	76·6
28	81·6	79·6	78·1	73·9	76·0	75·3	76·4	72·0	70·9	70·1	69·3	68·8	68·8	67·1	67·5	69·5	73·5	77·1	79·3	80·6	81·6	82·2	82·5	81·7	75·1
29	81·0	79·0	76·4	75·4	73·2	71·6	70·4	69·5	68·5	67·6	66·7	66·5	66·5	65·6	64·8	67·6	71·9	75·6	79·0	81·3	82·6	84·5	84·3	83·6	73·6
30	82·2	79·2	76·2	74·2	73·9	71·8	70·3	69·5	69·0	68·4	67·7	67·6	67·5	67·2	66·8	69·2	73·5	77·2	79·3	80·6	81·5	81·7	82·3	81·6	74·1
31																									
Means.	80·8	79·1	77·7	76·6	76·0	75·6	74·8	74·3	73·7	73·2	72·7	72·5	71·7	71·0	70·7	72·6	75·6	79·0	81·0	81·9	82·3	82·8	82·6	81·9	76·7
January 31st.	80·7	79·2	77·8	76·6	75·2	73·4	72·8	71·6	70·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
FEBRUARY 1852. 1	—	—	—	—	—	—	—	—	—	71·6	71·0	70·2	70·3	70·0	69·5	71·4	78·5	79·4	81·6	83·5	84·2	84·3	84·3	83·6	78·1
2	82·2	80·5	78·3	78·4	74·8	74·1	74·0	72·8	72·4	71·6	71·5	70·6	70·0	69·7	69·6	72·2	78·0	75·2	81·0	82·0	82·6	82·7	82·6	82·1	76·2
3	81·2	79·5	78·5	77·5	78·8	73·0	75·4	73·4	72·4	71·8	70·8	70·7	70·6	70·6	71·0	75·5	76·8	80·1	82·9	83·0	82·7	83·7	82·2	81·8	76·7
4	81·1	79·2	75·0	77·6	77·6	77·4	76·8	76·6	78·8	76·5	78·4	78·5	75·5	75·5	71·4	75·4	76·8	80·0	82·8	83·5	83·8	83·6	83·3	85·6	76·3
5	83·0	80·6	79·0	75·6	75·4	76·0	77·2	76·8	77·4	76·2	78·0	74·2	78·5	73·1	72·6	74·7	78·0	80·4	83·0	84·5	85·2	84·8	84·8	84·4	76·9
6	83·1	81·0	79·6	79·6	79·2	79·0	72·6	76·2	76·8	73·1	75·5	75·0	74·2	74·0	74·0	75·7	79·0	81·4	83·5	84·5	80·3	85·5	85·3	84·5	79·5
7	83·1	81·4	80·0	79·1	79·0	76·7	78·6	78·2	76·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	72·5	72·2	71·9	71·7	71·3	70·6	72·4	77·2	80·4	82·5	83·6	84·3	84·5	84·5	84·1	76·3
9	83·1	81·5	79·5	77·8	76·2	75·0	74·0	73·0	73·2	71·6	71·0	70·8	70·7	70·5	70·4	72·5	76·7	79·8	81·5	83·1	82·7	82·7	83·1	82·8	76·7
10	82·0	80·5	75·8	77·5	75·4	74·1	72·5	71·6	71·0	70·5	70·0	69·8	69·0	68·6	68·5	71·0	75·3	75·2	80·6	81·8	82·2	82·6	83·0	82·6	75·7
11	81·9	80·5	78·6	77·5	76·5	75·7	74·0	72·6	70·6	70·3	69·2	69·2	68·7	68·3	67·5	70·2	75·2	79·2	81·0	82·0	82·5	83·3	83·4	83·1	75·9
12	82·0	80·0	78·4	77·3	78·6	78·0	75·4	73·5	72·7	72·4	72·0	71·7	71·4	70·9	69·6	72·4	77·0	79·5	82·0	82·7	85·6	83·7	83·7	83·4	77·0
13	82·9	80·5	79·1	76·0	77·6	77·3	78·7	73·5	78·2	74·3	72·8	72·0	71·5	70·3	65·6	72·2	76·5	79·5	81·2	82·6	83·6	84·5	84·0	83·6	77·7
14	82·5	80·9	78·7	78·0	77·4	77·1	77·0	76·2	76·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	73·6	76·3	72·9	75·5	72·0	72·0	74·3	77·8	80·7	83·0	84·2	85·3	85·3	85·5	84·7	78·4
16	84·1	82·0	80·9	79·6	79·0	78·6	76·2	75·4	75·0	74·0	73·0	73·6	72·2	72·2	72·2	74·3	77·2	81·3	83·0	84·5	85·3	85·3	85·2	84·5	78·7
17	83·7	81·4	79·7	79·3	75·6	78·4	76·3	78·4	77·6	77·2	76·8	76·9	75·6	74·6	74·2	78·5	75·4	82·7	84·5	84·5	85·3	85·0	85·0	83·8	79·8
18	82·6	81·8	80·6	80·0	79·7	79·6	79·5	79·2	75·0	76·3	77·6	77·3	77·0	76·7	75·5	77·0	77·7	80·5	82·7	84·6	85·0	84·0	83·5	85·0	80·1
19	84·3	82·3	80·9	80·0	79·5	79·6	79·5	78·8	78·0	77·4	76·7	76·1	75·5	78·2	74·7	77·6	80·7	82·6	85·0	85·7	86·3	85·9	85·7	85·0	80·5
20	83·7	81·8	80·7	80·2	79·6	79·0	76·0	77·2	76·3	75·5	74·6	73·9	73·0	72·7	73·0	76·4	79·4	82·0	85·0	86·5	88·0	87·7	87·8	87·5	79·9
21	83·0	84·0	81·5	79·5	77·2	76·6	75·6	75·0	74·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	75·5	76·0	72·5	73·0	71·4	71·5	73·7	78·7	81·6	83·4	84·3	85·0	85·0	85·1	84·3	78·5
23	88·5	81·5	79·5	76·6	78·0	77·6	77·2	78·5	74·7	73·9	73·0	72·2	71·5	71·6	71·7	73·0	76·0	80·6	82·7	83·6	84·8	84·9	85·8	85·1	78·2
24	86·3	82·0	79·7	79·1	75·1	77·1	75·6	76·6	73·0	72·7	72·3	72·0	71·7	71·2	71·5	73·0	77·1	80·5	82·7	84·0	84·6	85·8	85·0	84·4	77·9
25	84·0	81·2	79·5	77·0	77·5	75·4	74·6	73·0	72·0	71·6	71·1	71·0	71·0	70·8	70·7	73·5	78·5	81·8	85·6	85·6	86·9	88·6	88·8	86·4	78·1
26	85·4	83·9	81·5	80·4	79·6	79·1	77·9	75·4	75·2	75·2	75·0	75·0	75·0	74·9	78·0	78·5	81·3	83·9	85·7	87·0	87·5	87·7	88·1	87·0	80·7
27	88·8	84·5	81·3	79·6	78·5	77·7	78·2	75·5	74·0	76·6	73·5	72·6	71·7	71·5	71·4	74·2	79·2	83·6	85·2	87·4	87·5	87·5	87·0	86·2	79·4
28	83·0	83·0	80·5	79·6	76·6	77·6	77·1	75·6	74·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	74·5	74·0	73·5	73·0	72·3	73·9	76·5	80·2	85·7	84·4	85·6	85·1	86·5	86·6	86·4	75·4
Means.	83·3	81·4	79·6	76·8	77·6	77·2	78·3	75·3	74·6	73·9	73·3	72·8	72·4	71·5	71·7	74·0	77·7	80·9	83·1	84·2	84·8	84·9	84·6	84·4	76·8

* The Numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily Means.

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DRY THERMOMETER (STANDARD.)

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4 41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
MARCH 1852.										*		*													
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
1	85·2	83·0	80·8	79·1	76·8	77·5	78·6	75·7	74·5	73·5	72·4	71·9	71·5	70·7	70·8	74·5	79·4	83·0	84·9	86·0	86·7	87·8	87·0	86·5	79·0
2	83·5	83·0	81·1	79·8	79·0	73·8	78·9	75·0	73·7	76·2	72·6	72·1	71·7	71·2	71·8	75·3	79·7	82·7	85·8	88·7	87·1	87·5	87·7	87·0	79·3
3	86·0	83·4	81·3	80·2	79·4	79·0	78·4	77·0	75·5	75·8	75·5	75·4	75·8	74·2	74·4	77·0	81·0	84·5	87·4	89·0	89·1	89·3	88·8	88·1	81·0
4	86·7	84·3	82·8	81·8	80·2	80·5	80·2	79·8	79·0	78·2	77·4	76·7	76·0	75·8	78·2	79·0	82·3	85·3	87·6	89·4	89·8	90·0	89·9	89·5	82·4
5	88·0	85·2	82·9	81·5	80·7	80·3	80·1	79·9	79·3	78·2	77·0	76·4	75·8	74·8	74·8	77·8	82·8	85·0	87·8	88·0	85·0	85·4	87·9	87·2	81·9
6	86·0	83·8	81·6	80·5	79·8	78·6	76·0	77·8	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	74·0	73·6	73·3	73·0	72·7	72·3	77·2	81·6	84·2	85·7	85·8	86·4	87·0	87·3	88·5	80·8
8	86·3	83·8	81·9	81·0	80·0	79·0	78·0	76·8	76·4	75·5	74·8	73·9	73·2	73·3	74·0	77·7	81·0	83·8	84·9	86·4	86·9	86·8	86·6	86·2	80·6
9	85·3	83·0	80·9	79·4	79·0	77·1	78·0	75·0	74·0	73·5	73·0	72·6	72·0	71·3	70·8	75·1	79·5	82·7	84·8	85·8	86·5	88·7	88·7	88·5	79·0
10	85·3	83·5	81·8	80·8	79·0	78·0	77·3	76·2	75·7	75·0	74·2	73·7	73·2	72·7	72·8	76·3	80·5	83·7	86·4	87·0	87·4	87·6	87·6	87·0	80·1
11	86·8	83·8	81·9	81·8	80·5	80·0	79·0	78·2	77·8	77·0	76·2	76·6	75·0	74·8	74·8	78·5	82·0	85·0	86·0	87·0	87·7	88·0	88·0	87·3	81·3
12	87·1	84·6	82·4	80·7	79·8	78·6	78·6	77·8	77·0	77·0	77·0	76·0	75·0	74·0	73·8	77·5	81·5	84·6	88·3	88·9	87·6	88·0	88·0	87·9	81·1
13	87·6	85·2	83·3	82·4	81·1	80·9	80·3	79·7	78·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	79·2	78·2	77·8	76·1	75·8	76·8	79·3	83·0	88·0	88·8	89·8	89·8	90·4	90·7	90·1	82·9
15	88·5	85·6	83·8	82·7	82·1	81·7	81·8	81·4	81·0	80·7	80·3	79·3	79·0	78·3	78·4	81·8	84·8	88·2	89·5	90·8	90·0	89·4	89·8	88·4	84·0
16	86·9	85·1	83·2	82·8	82·0	81·5	80·9	80·8	80·2	79·8	78·3	77·9	77·2	76·7	76·8	80·7	84·2	86·5	88·4	88·8	89·6	89·4	89·3	88·7	83·1
17	88·0	85·8	83·4	82·6	81·9	81·3	81·0	80·5	80·0	79·6	79·3	78·8	77·3	78·5	76·5	79·8	83·9	85·4	88·5	88·8	89·4	85·6	89·0	88·5	83·0
18	87·5	84·8	83·4	82·8	82·8	82·0	82·0	81·5	81·5	81·4	81·3	78·8	76·3	78·0	75·0	77·4	81·3	84·5	85·5	88·8	86·0	87·8	88·4	86·9	82·5
19	86·4	84·3	82·7	80·7	80·1	80·0	80·0	79·9	79·8	79·7	79·5	79·0	78·6	78·3	78·4	78·8	79·9	82·9	84·5	86·8	88·5	88·6	88·8	88·7	82·0
20	88·3	83·9	81·8	80·9	80·8	80·6	80·5	80·5	80·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	77·8	77·2	76·8	75·4	78·2	77·0	80·1	83·3	86·0	88·4	89·5	90·0	89·8	90·2	89·4	82·8
22	83·6	86·8	83·6	82·7	82·1	81·6	81·4	80·9	80·9	80·8	80·8	80·3	80·0	79·5	79·3	82·5	85·8	88·8	89·3	85·4	89·4	89·5	89·3	88·8	84·2
23	87·8	85·7	83·6	85·0	82·5	82·1	81·7	81·7	81·5	81·1	80·6	79·9	79·3	79·0	79·7	83·0	86·5	87·3	88·8	82·0	82·6	79·9	80·0	81·5	82·4
24	91·8	86·6	79·1	79·0	78·7	79·0	79·2	79·2	79·2	79·0	78·8	78·5	78·8	77·8	78·4	81·8	88·6	85·3	86·6	88·9	88·8	87·8	87·7	87·5	81·8
25	87·0	84·8	82·6	81·8	81·6	81·2	80·8	80·8	75·7	79·5	79·5	78·9	78·5	78·4	78·7	81·6	84·2	86·6	89·0	90·7	92·9	94·5	91·5	90·4	83·9
26	88·8	87·8	85·0	84·4	83·7	83·0	83·0	82·9	82·5	82·3	82·0	81·2	80·5	80·0	80·8	83·6	86·2	88·2	90·8	88·2	91·6	91·2	91·8	91·0	85·5
27	90·3	88·0	85·7	84·4	83·5	83·1	82·8	82·1	81·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	81·1	80·8	80·0	79·5	78·8	79·6	83·8	87·1	87·5	89·5	90·1	90·4	90·8	90·4	90·0	85·0
29	89·8	87·0	84·3	83·3	83·9	82·9	82·4	82·1	81·8	81·0	80·2	79·5	78·3	78·9	79·3	86·1	85·8	87·8	90·0	90·5	90·9	90·7	90·7	90·2	84·7
30	85·0	86·3	84·3	83·5	82·7	82·5	81·9	81·5	80·9	80·4	79·9	79·0	78·9	77·1	78·3	81·5	85·2	87·4	89·6	90·4	90·4	90·5	90·0	89·8	84·3
31	86·5	86·5	84·3	83·3	82·8	82·5	81·4	81·0	80·3	79·2	78·0	77·8	77·2	76·9	78·9	82·5	88·3	88·6	90·8	91·5	91·8	91·9	91·3	90·8	84·8
Means.	87·0	84·8	82·7	81·7	80·9	80·3	80·0	79·4	78·9	78·2	77·7	77·0	76·4	75·8	76·2	79·4	83·0	85·8	87·4	88·8	88·7	88·8	88·6	88·1	83·3
APRIL 1852.										*		*													
1	89·8	87·2	85·2	84·4	83·7	83·4	83·0	82·0	81·0	80·4	79·8	75·5	79·3	78·9	79·8	84·5	87·7	90·1	91·0	91·5	91·8	91·8	91·4	90·5	85·3
2	89·8	87·0	86·0	84·0	83·8	83·2	82·8	82·3	81·5	81·4	81·3	80·8	75·4	78·1	78·9	83·3	88·8	89·4	90·8	90·2	90·4	90·4	90·3	89·7	84·9
3	88·5	86·1	84·9	83·8	82·6	82·2	81·9	82·8	81·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	82·4	82·2	81·9	81·7	81·5	82·8	85·2	88·0	89·6	92·3	92·5	92·8	91·7	91·3	91·0	85·8
5	89·7	87·8	85·8	84·8	83·6	83·0	82·4	81·6	81·0	80·8	80·7	80·0	75·3	76·7	80·0	83·9	86·2	88·5	89·6	85·8	89·7	90·9	89·7	89·2	84·8
6	88·5	88·4	81·1	82·8	82·0	81·8	80·0	78·5	78·0	77·1	78·2	78·0	75·3	75·1	76·9	81·4	85·1	88·0	90·2	90·4	90·2	90·6	90·9	89·9	83·1
7	89·4	88·7	84·8	83·1	82·2	81·9	81·7	81·8	79·4	78·6	77·8	77·9	76·7	76·8	78·0	82·8	86·0	88·4	90·8	91·5	91·8	91·9	91·4	90·5	84·1
8	90·3	88·0	85·3	84·1	83·4	83·0	82·6	82·3	81·9	80·9	80·0	79·0	78·0	78·0	79·3	83·0	86·8	90·8	92·5	92·0	91·7	91·8	91·8	90·9	85·3
9	90·2	88·2	85·6	84·9	84·4	84·0	83·8	83·2	88·8	89·6	81·8	81·4	81·0	80·6	81·6	86·0	89·0	90·5	91·6	92·5	92·0	92·2	92·0	91·3	86·4
10	90·3	88·5	85·8	84·7	84·3	84·0	83·5	83·8	83·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	79·1	79·0	78·9	78·8	78·0	80·9	85·4	87·8	89·1	90·4	91·2	91·6	91·6	91·2	90·3	85·5
12	89·5	87·7	84·8	83·8	83·2	82·6	82·2	81·8	81·1	80·8	79·5	78·8	78·1	77·0	78·0	88·5	86·5	88·8	90·0	91·8	91·6	91·5	90·7	90·6	84·7
13	89·3	87·0	85·0	83·1	82·6	82·8	81·6	81·8	80·8	79·5	78·5	77·4	78·5	75·7	77·5	82·0	86·7	85·2	90·2	90·7	91·6	91·2	91·2	90·4	84·2
14	89·4	87·5	84·5	83·3	82·6	82·8	81·7	81·5	81·4	80·1	78·8	77·8	76·2	75·7	77·9	82·4	86·3	89·7	90·6	90·9	91·7	91·8	91·3	90·7	84·4
15	89·7	88·0	85·5	83·6	83·1	82·8	82·4	82·8	81·6	80·4	79·8	78·6	77·5	78·6	78·5	84·5	86·8	89·4	91·5	91·7	91·8	91·5	91·7	91·0	84·9
16	89·4	87·4	84·9	83·8	82·6	82·0	81·8	81·5	81·0	80·0	79·0	78·3	77·7	78·7	76·7	83·8	86·9	89·7	90·4	91·0	91·5	91·7	90·6	90·7	84·6
17	89·5	87·5	84·7	83·5	82·7	82·2	81·4	80·9	80·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	79·2	78·7	78·8	77·7	77·6	79·8	83·8	87·2	90·8	92·7	92·8	93·0	93·8	93·7	92·5	85·1
19	91·3	89·8	85·9	84·0	83·2	82·8	81·6	81·8	80·8	79·6	78·7	78·8	77·7	78·5	79·9	83·6	87·8	90·5	93·4	94·2	94·1	94·3	94·9	93·0	85·8
20	92·5	91·3	87·2	85·5	84·7	84·0	83·4	82·8	82·2	88·0	82·8	82·6	82·4	82·0	83·0	85·7	88·7	91·6	94·5	96·8	96·3	95·6	95·0	94·3	87·9
21	93·8	91·0	88·0	85·3	84·6	84·1	83·7	83·8	82·8	89·1	81·8	80·9	80·6	79·7	81·5	86·8	88·6	91·4	94·7	95·4	94·8	94·3	94·8	94·2	87·8
22	92·8	91·6	87·3	86·0	85·2	84·6	84·2	83·8	83·5	83·0	82·5	88·2	82·0	82·5	83·0	87·4	85·8	92·0	94·0	94·7	94·6	95·7	94·4	94·7	88·0
23	98·2	92·0	87·3	85·6	84·7	84·4	84·1	83·5	88·5	88·1	88·7	82·1	81·5	81·0	83·0	87·0	89·7	91·5	92·0	92·7	98·3	98·2	93·2	93·4	87·4
24	92·2	92·0	87·7	88·1	86·3	84·6	84·3	83·8	83·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	83·5	83·1	82·7	82·3	83·0	84·0	87·6	89·6	91·7	99·8	93·4	92·8	92·4	94·2	93·7	87·7
26	93·3	89·9	87·0	86·8	85·6	85·8	85·0	84·6	84·4	83·8	83·3	82·7	87·1	81·6	83·6	88·5	90·5	92·0	93·7	94·4	93·7	93·8	98·4	93·2	88·0
27	92·4	90·2	87·8	88·3	85·6	85·8	84·8	84·4	83·7	83·0	82·8	81·7	81·2	80·7	83·7	87·8	89·4	89·5	92·8	94·0	94·2	94·5	94·2	93·2	87·6
28	92·8	91·5	88·0	88·5	88·8	85·1	84·8	84·6	84·4	83·7	83·0	89·6	82·3	81·7	83·3	87·7	90·8	92·7	94·3	93·7	94·4	94·3	94·2	93·4	88·1
29	90·7	85·0	86·9	86·0	85·9	84·5	84·4	84·6	80·8	82·9	82·2	81·6	81·0	80·7	82·0	86·6	85·5	91·4	92·7	94·2	94·7	94·3	93·7	95·2	87·3
30	91·4	100	87·8	86·3	88·0	85·6	85·8	84·7	84·4	83·7	83·1	89·6	82·2	81·8	84·7	87·0	89·5	91·8	93·1	93·7	94·1	94·7	93·5	93·3	87·9
Means.	90·7	86·8	86·0	84·6	84·0	83·3	83·0	82·6	82·0	81·3	80·7	80·1	79·6	79·2	80·6	84·9	87·7	90·8	92·0	92·8	92·7	92·7	92·4	91·5	86·0

* The Numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily Means.

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DRY THERMOMETER (STANDARD.)

MAY 1852.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
1	92·5	91·3	88·0	87·1	86·6	86·4	86·0	85·7	85·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	80·1	80·0	79·9	79·8	79·8	80·2	80·5	83·3	85·4	87·5	87·0	90·2	90·9	90·7	89·7	85·6
3	90·0	88·6	86·0	85·1	84·7	84·5	84·3	84·0	83·0	82·0	81·0	80·6	80·2	80·3	80·8	81·6	85·5	89·0	90·2	92·0	92·3	91·5	89·0	86·6	85·5
4	82·2	82·2	81·6	81·2	79·5	79·2	79·2	79·6	79·3	79·1	79·0	78·9	78·8	78·6	79·0	80·2	82·4	84·5	86·5	89·0	88·7	87·7	86·3	86·1	82·0
5	84·9	83·8	83·0	82·5	82·8	82·1	81·8	81·4	80·6	80·4	80·3	80·0	79·7	79·8	81·2	83·0	86·4	88·3	88·3	90·7	91·1	91·8	91·7	90·2	84·4
6	89·3	87·5	85·6	85·2	84·6	84·4	83·7	83·5	82·8	82·0	81·2	80·8	80·4	80·0	82·4	86·4	88·3	89·6	90·2	91·3	92·3	92·6	92·7	91·9	86·2
7	91·7	89·2	87·3	86·5	86·0	85·0	82·3	82·8	82·2	81·6	81·0	80·3	79·7	79·4	81·7	85·4	88·5	90·8	92·6	93·9	94·6	93·7	93·5	93·0	86·8
8	92·3	91·5	88·1	87·0	86·1	85·3	85·3	85·2	84·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	85·0	84·5	83·9	83·4	83·2	85·4	88·7	91·4	93·6	95·7	97·5	97·5	97·2	96·7	96·0	89·4
10	95·4	92·6	89·6	88·9	88·0	87·1	86·4	84·8	84·4	83·4	82·5	81·1	79·8	78·4	78·6	82·0	83·4	88·0	92·3	91·5	93·5	93·4	95·2	96·4	87·4
11	93·4	91·2	89·1	88·1	87·0	86·5	85·8	85·6	85·4	85·2	85·0	84·7	84·5	84·2	85·2	89·6	92·5	94·8	97·4	99·0	99·3	99·2	97·8	86·0	89·9
12	84·2	86·3	86·1	84·4	82·8	82·3	82·5	82·5	81·8	81·8	81·8	81·3	80·8	80·9	83·7	87·7	90·0	92·0	93·4	94·5	95·0	98·3	99·7	96·6	87·1
13	95·1	94·2	90·0	88·6	87·9	87·0	87·0	86·5	86·0	85·5	85·0	84·4	83·8	83·5	85·5	89·8	92·3	94·8	96·9	99·3	101·3	100·1	94·8	92·0	90·5
14	89·5	89·5	88·6	88·0	87·3	87·2	87·0	86·7	85·7	85·2	84·8	84·3	83·8	83·4	84·7	87·5	91·2	93·8	96·0	98·1	98·9	97·0	96·1	94·0	89·5
15	91·2	89·3	88·6	87·8	87·4	82·0	82·5	81·9	81·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	80·7	80·5	80·2	80·0	79·9	80·8	85·2	88·1	90·6	93·7	95·6	96·6	96·5	96·6	96·1	87·2
17	95·7	94·4	91·4	89·0	87·9	87·2	86·4	86·0	85·6	85·0	84·5	84·2	84·0	84·0	84·7	87·4	91·5	93·5	95·3	98·0	100·0	99·0	98·3	97·6	90·5
18	96·2	92·9	89·7	88·4	87·6	87·0	87·0	86·6	86·0	85·5	85·0	84·5	84·0	83·4	83·7	86·3	88·8	93·0	95·5	96·8	97·7	97·0	96·4	95·3	89·8
19	93·0	89·9	88·6	87·5	87·0	87·2	86·5	85·7	85·0	84·7	84·5	84·2	84·0	84·0	86·0	88·4	91·4	94·2	96·4	98·0	99·5	98·3	97·2	95·9	89·9
20	91·7	89·6	88·1	87·8	87·0	86·6	86·2	85·8	85·6	85·0	84·4	83·9	83·4	83·0	84·6	89·9	91·3	93·2	96·3	98·0	97·9	96·2	94·8	93·0	89·3
21	91·2	88·5	87·6	87·0	87·0	86·7	86·0	85·2	84·8	84·2	83·6	83·2	82·9	82·6	85·7	88·7	91·9	94·4	96·3	98·3	100·2	98·1	95·0	85·5	89·1
22	88·7	87·9	86·9	86·4	85·4	83·8	83·2	82·8	82·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	85·4	84·3	83·1	82·0	81·7	84·8	88·2	91·3	93·7	95·8	98·4	97·7	96·5	95·5	95·6	88·4
24	94·6	93·4	88·8	87·2	86·5	86·0	85·3	85·0	84·1	83·8	83·6	83·1	82·6	82·3	85·6	88·4	91·9	93·7	96·2	97·3	97·5	97·4	97·0	96·3	89·5
25	96·0	95·2	89·9	88·0	87·4	85·2	85·9	85·3	84·5	84·2	84·0	83·6	83·3	82·8	85·8	89·1	92·5	95·3	97·1	98·9	100·6	99·3	97·9	97·6	90·4
26	95·7	91·5	89·6	88·4	87·5	86·6	86·1	85·6	85·3	84·8	84·4	83·6	82·8	81·6	85·2	89·4	91·5	94·0	96·4	98·4	99·3	97·1	96·3	95·5	89·9
27	95·1	94·4	89·9	88·4	87·9	87·3	86·5	86·0	85·4	84·9	84·4	84·1	83·9	83·4	85·2	89·4	91·8	93·9	97·6	99·5	101·8	99·8	98·5	97·2	90·7
28	94·7	91·6	90·2	89·6	89·0	88·0	87·2	86·7	86·5	85·8	85·2	84·7	84·3	83·8	86·0	90·0	93·5	97·0	98·3	100·4	101·6	99·0	97·1	95·5	91·1
29	95·8	91·8	89·2	87·7	87·1	86·4	85·9	85·6	85·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	84·4	83·8	83·1	82·4	81·9	84·2	89·2	91·8	94·5	97·0	97·5	97·7	98·0	98·2	96·9	89·8
31	95·6	93·2	89·1	87·6	87·0	86·0	85·1	85·2	84·6	84·2	83·9	83·3	82·7	82·3	86·0	89·7	92·3	94·4	95·0	96·0	96·4	96·6	95·8	95·0	89·5
Means.	92·1	90·4	88·1	87·1	86·3	85·5	85·0	84·7	84·1	83·6	83·2	82·7	82·2	81·9	83·8	87·0	89·8	92·3	94·4	96·0	96·9	96·2	95·4	93·7	88·4

JUNE 1852.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
1	94·5	92·3	88·3	87·2	86·5	85·6	85·6	84·8	84·2	83·7	83·2	82·9	82·6	82·7	85·7	89·0	90·7	92·3	93·2	93·6	94·0	94·0	93·8	93·5	88·5
2	92·8	92·0	88·2	86·8	85·6	85·2	84·9	84·4	84·0	83·5	83·0	82·8	82·7	82·7	86·0	89·0	92·0	93·2	95·0	96·4	96·5	96·4	95·3	96·2	89·0
3	95·2	93·2	88·8	87·2	86·4	85·6	85·3	85·0	84·8	83·8	83·8	82·9	82·6	82·2	85·6	89·7	92·7	95·4	95·9	96·0	96·3	96·2	96·1	96·0	89·4
4	95·4	94·0	89·6	87·6	86·9	86·4	85·7	85·3	85·3	84·9	84·6	84·2	83·8	83·0	86·5	90·3	93·6	95·7	97·4	99·0	100·1	100·9	95·3	98·4	90·7
5	95·8	94·5	90·5	89·4	88·8	88·2	87·2	86·7	86·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	85·6	84·9	84·2	83·5	83·0	87·0	90·5	93·3	96·0	98·6	101·4	101·5	98·9	97·6	97·6	91·3
7	97·0	95·5	91·4	90·4	89·6	88·5	88·1	87·7	87·5	86·9	86·4	85·8	85·2	84·9	88·5	92·0	95·2	97·3	98·6	100·6	102·5	100·7	98·6	97·9	92·4
8	98·0	97·0	92·4	90·5	89·6	88·5	87·6	87·0	87·0	86·4	85·8	85·2	84·7	84·7	87·5	91·3	93·8	96·8	99·4	101·2	103·8	104·2	100·6	98·6	92·6
9	98·1	94·5	90·7	89·4	88·4	87·4	86·8	86·3	86·1	85·5	85·0	84·6	84·2	83·7	86·0	90·0	92·7	95·2	97·5	100·0	100·0	97·8	96·5	94·7	90·9
10	92·9	90·6	88·5	87·6	86·6	86·4	86·0	86·0	85·7	85·3	85·0	84·2	83·4	82·8	84·7	89·3	92·5	95·0	97·0	98·6	97·5	96·1	93·5	91·9	89·5
11	90·4	89·3	87·5	86·6	86·2	86·0	86·0	85·9	85·2	84·9	84·7	84·5	84·3	84·1	86·9	91·3	93·0	93·4	95·0	96·4	98·2	97·5	95·3	96·0	89·5
12	93·2	90·5	88·7	87·7	86·6	86·1	85·6	85·5	85·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	82·7	82·5	82·2	82·0	81·0	84·0	88·1	90·7	93·5	95·4	97·8	99·9	101·8	100·7	99·0	89·7
14	94·8	89·0	87·0	87·0	86·4	86·1	84·1	83·5	82·4	82·0	81·6	81·5	81·5	81·7	82·4	84·3	89·6	91·3	92·6	95·0	97·2	98·8	100·4	99·0	88·3
15	89·6	83·1	82·7	83·0	83·6	83·9	83·9	83·7	83·0	83·2	83·5	82·9	82·4	82·2	82·4	83·3	84·6	87·7	90·9	93·6	95·3	95·6	95·0	95·0	86·4
16	93·5	90·0	87·5	86·6	86·4	86·0	85·9	85·0	85·0	84·4	83·8	83·0	82·2	81·6	84·3	88·7	91·8	92·5	94·9	96·8	98·6	98·5	99·4	98·2	89·4
17	96·6	94·6	90·8	89·6	87·4	87·1	86·6	85·9	85·6	84·8	84·0	83·7	83·4	83·2	84·2	87·7	91·5	95·0	96·0	96·6	98·7	99·0	95·6	94·4	90·0
18	92·3	84·7	81·5	80·5	79·9	79·8	81·0	81·0	80·4	80·4	80·4	80·3	80·2	80·2	80·7	83·0	87·2	89·2	91·5	93·7	96·4	97·8	96·4	94·2	85·5
19	92·6	88·5	86·4	79·9	79·1	80·3	80·1	80·1	79·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	79·9	78·7	78·4	78·2	79·1	80·3	83·0	85·6	87·0	89·4	92·8	93·4	93·7	94·0	93·0	84·7
21	88·4	86·3	85·5	84·8	84·3	83·5	83·0	82·6	81·0	81·5	81·2	80·9	80·6	80·3	80·7	81·9	83·3	84·2	86·5	89·0	90·6	90·6	90·3	90·3	84·7
22	89·2	88·0	86·8	86·1	86·2	84·6	84·1	83·4	82·9	82·4	82·0	81·7	81·5	81·3	81·7	82·2	84·3	88·2	91·3	93·0	94·3	95·2	96·0	95·5	86·7
23	94·5	91·9	89·5	87·2	85·8	85·6	85·2	84·3	83·7	83·2	82·7	82·4	82·2	81·9	82·2	83·2	84·5	86·7	88·6	89·9	90·6	92·4	92·0	92·8	86·8
24	91·8	90·5	88·8	87·5	86·2	85·6	85·2	84·5	83·7	83·3	83·0	82·2	81·4	81·3	81·7	84·3	87·3	89·4	91·2	92·2	93·5	94·0	95·1	95·4	87·5
25	94·0	92·4	90·3	87·6	85·6	85·2	84·8	84·2	83·7	83·1	82·6	82·0	81·5	80·9	81·5	83·3	85·7	88·2	91·0	91·3	91·8	91·5	91·6	91·8	86·9
26	91·6	89·3	86·9	86·0	85·6	85·0	84·2	83·9	83·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	82·6	81·7	80·7	79·3	79·4	81·2	85·9	87·7	90·6	92·5	95·0	97·0	98·7	99·7	96·4	87·7
28	93·5	91·1	87·4	87·1	87·1	86·6	86·2	84·8	84·5	84·1	83·8	83·5	83·2	82·9	83·7	85·9	88·4	91·6	93·4	95·2	97·8	98·1	97·5	93·1	88·8
29	91·6	87·4	86·0	85·6	85·3	85·1	86·0	84·2	83·5	83·1	82·7	82·2	81·7	81·5	81·7	83·2	85·6	88·7	92·0	93·7	94·5	95·5	93·5	91·5	86·9
30	89·7	88·0	86·0	84·8	84·6	84·4	84·0	84·0	83·7	83·1	82·6	82·1	81·7	81·6	82·0	84·4	89·9	92·6	93·3	94·8	96·0	98·0	93·2	92·9	87·4
Means.	93·3	90·7	88·0	86·6	85·9	85·5	85·1	84·6	84·1	83·6	83·2	82·7	82·3	82·1	83·8	86·7	89·5	91·8	93·8	95·5	96·8	97·0	96·2	95·1	88·5

* The Numbers in these Columns are not observed but interpolated for the sake of obtaining the daily Means.

DRY THERMOMETER (Standard.)

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4 41	h. m. 5 41	h. m. 6 41	h. m. 7 41	h. m. 8 41	h. m. 9 41	h. m. 10 41	h. m. 11 41	h. m. 12 41	h. m. 13 41 *	h. m. 14 41	h. m. 15 41 *	h. m. 16 41	h. m. 17 41	h. m. 18 41	h. m. 19 41	h. m. 20 41	h. m. 21 41	h. m. 22 41	h. m. 23 41	h. m. 0 41	h. m. 1 41	h. m. 2 41	h. m. 3 41	
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
JULY 1852. 1	98.3	88.2	86.2	85.6	82.8	81.7	81.6	81.8	81.9	81.8	81.7	81.7	81.7	81.2	81.8	83.0	81.8	87.5	90.7	93.2	98.4	98.7	97.2	94.7	86.4
2	90.7	88.1	86.3	85.4	85.3	85.0	84.8	84.2	84.0	88.8	83.6	83.0	82.2	82.0	82.6	83.8	86.5	88.7	89.5	91.5	94.8	96.7	94.7	91.3	87.0
3	88.0	85.3	84.1	84.8	84.8	83.8	83.0	82.5	82.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	81.1	81.0	80.9	80.8	80.6	81.5	84.8	88.2	85.9	92.0	93.7	95.5	96.7	94.0	91.7	88.2
5	89.7	88.2	83.8	83.2	83.5	83.0	81.7	81.6	81.8	81.4	81.8	88.9	80.8	83.3	82.6	88.5	86.6	89.8	91.1	92.6	95.5	98.5	97.8	97.5	86.6
6	88.7	90.6	88.4	85.8	82.8	84.4	82.2	81.8	81.6	81.5	81.3	81.0	80.7	80.2	89.5	85.5	87.8	90.0	91.5	93.8	95.4	97.4	95.4	98.8	87.4
7	97.4	95.0	89.3	88.0	87.5	87.8	86.0	85.8	85.0	84.7	84.8	83.4	82.5	81.7	83.2	85.5	85.0	91.1	92.4	94.5	98.8	96.8	93.3	95.0	89.3
8	92.7	88.6	87.2	86.4	85.4	85.0	85.0	84.8	84.0	83.5	83.0	82.6	82.8	82.9	83.5	85.4	85.8	91.1	93.3	98.3	97.7	97.7	97.0	93.2	88.3
9	93.0	92.0	87.8	80.8	80.6	80.9	80.8	80.6	80.5	80.8	80.8	80.1	79.7	79.9	83.0	86.4	88.2	89.8	91.2	92.5	93.7	95.4	97.0	93.4	86.2
10	92.1	90.8	87.8	86.1	85.8	85.0	84.6	84.4	84.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	81.3	81.0	80.7	80.5	80.3	82.3	88.1	89.2	91.9	93.6	95.5	98.3	96.0	95.4	94.9	87.7
12	94.8	91.8	89.9	87.9	86.6	86.8	88.2	86.0	85.8	85.4	85.2	84.8	88.8	88.8	85.6	87.6	90.0	91.6	93.8	95.0	96.6	92.7	95.7	95.5	89.4
13	95.2	94.2	89.7	88.2	86.2	84.2	84.0	83.5	83.4	83.3	83.2	82.9	82.0	82.3	83.5	86.4	83.5	91.2	93.4	93.4	97.3	96.7	95.5	94.0	88.6
14	93.4	91.2	89.7	89.0	89.0	87.4	86.9	86.8	85.8	85.2	84.8	84.3	82.9	83.0	85.4	86.7	90.4	92.8	93.7	96.8	95.7	96.0	95.4	94.8	89.4
15	93.4	89.0	89.8	88.1	87.0	88.2	85.9	85.5	85.7	83.1	82.5	82.2	82.0	81.8	84.0	87.8	89.9	91.6	92.5	94.4	95.2	95.4	92.3	95.9	88.5
16	94.3	92.8	89.1	87.4	88.7	86.8	85.7	85.0	84.8	84.1	83.4	82.9	82.8	82.7	84.4	87.0	89.9	92.2	94.8	95.7	96.5	96.8	95.3	93.6	89.9
17	92.0	91.0	87.8	86.8	86.0	88.8	85.2	84.8	84.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	85.2	84.5	83.8	83.2	83.5	83.7	87.0	89.6	91.3	92.0	92.7	92.7	92.7	93.6	93.2	88.8
19	92.6	92.3	88.0	86.6	88.1	87.5	85.4	84.8	85.1	85.0	84.8	84.1	83.5	82.4	83.2	87.0	90.5	91.9	93.3	93.8	93.1	92.8	93.5	93.2	88.2
20	91.2	88.7	88.1	87.1	86.5	86.2	88.0	85.6	85.5	85.2	85.0	84.2	83.5	79.7	79.8	80.0	80.6	83.3	86.2	89.7	89.3	90.7	88.7	88.4	86.8
21	88.6	86.7	85.1	85.0	84.5	82.9	80.6	80.0	70.3	79.3	79.2	78.7	78.3	78.3	80.5	83.0	84.0	84.9	82.6	79.1	78.5	77.4	76.8	77.5	81.2
22	79.4	80.5	79.6	79.1	78.8	78.8	78.5	78.5	78.5	78.5	78.8	78.4	78.3	78.2	78.2	78.8	79.8	81.0	80.7	81.5	83.4	85.9	88.7	89.1	80.3
23	87.5	86.4	84.4	85.8	82.6	82.4	81.5	81.5	80.8	80.4	80.1	79.6	79.9	79.0	79.3	80.8	80.7	81.8	83.4	84.9	87.3	88.2	88.4	88.8	82.9
24	88.8	85.2	84.0	83.5	83.3	83.2	82.8	82.8	82.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	81.7	81.2	80.7	80.3	79.8	83.2	85.5	88.0	89.8	90.7	93.0	98.9	94.3	94.5	94.3	85.9
26	93.6	91.1	90.1	87.0	86.0	84.5	83.6	83.8	81.7	81.2	81.2	80.8	80.4	80.4	83.4	85.4	88.0	89.3	93.7	93.0	93.9	95.4	96.4	96.0	87.2
27	94.8	94.2	89.8	87.0	86.0	85.0	83.8	82.8	80.0	79.9	79.8	79.7	79.6	79.6	80.0	81.8	84.8	86.0	87.7	80.7	91.5	92.7	91.7	90.8	85.7
28	85.6	87.8	86.8	85.8	85.1	84.5	83.6	82.4	82.4	82.1	81.7	81.2	80.8	80.5	80.5	81.7	84.0	86.2	88.5	91.8	92.4	93.5	93.7	94.4	85.9
29	98.7	87.3	82.8	81.6	81.0	81.2	80.9	80.8	80.5	80.0	79.4	79.2	79.0	79.3	79.8	81.7	83.6	84.4	85.3	86.2	86.4	85.7	84.9	84.0	82.7
30	83.4	82.5	81.9	81.5	81.0	79.0	78.8	78.5	78.5	78.2	77.9	77.7	77.5	77.3	77.6	78.8	81.3	84.1	86.7	88.8	88.7	89.5	90.5	85.0	82.0
31																									
Means.	91.3	89.4	86.9	88.5	84.5	83.9	83.4	83.1	82.2	82.2	81.9	81.5	81.2	80.8	82.8	84.3	86.7	85.4	90.1	91.6	92.5	93.4	93.3	92.6	88.4
										*		*													
July 31st.	87.5	85.9	84.4	83.3	83.8	82.5	82.0	82.8	81.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
AUGUST 1852. 1	—	—	—	—	—	—	—	—	—	81.3	81.2	81.1	81.0	80.4	80.3	81.2	83.4	85.8	88.5	89.3	98.7	91.9	92.2	91.5	84.7
2	91.5	89.1	84.0	82.2	82.6	81.8	80.8	80.7	81.3	81.0	80.8	80.2	79.8	79.7	79.9	82.2	85.7	89.0	89.3	90.8	92.3	93.5	93.1	92.6	85.1
3	92.4	90.8	88.0	84.3	83.3	83.0	82.6	82.1	82.8	81.7	81.3	81.1	80.9	80.8	81.4	82.9	85.7	87.2	89.4	91.6	92.4	91.4	93.7	93.7	88.8
4	92.4	91.1	80.8	80.4	80.4	80.8	80.5	80.4	80.5	80.4	80.2	88.1	80.0	79.6	80.5	82.7	85.5	86.3	85.0	90.2	91.4	99.3	84.2	94.6	84.7
5	93.8	91.9	88.5	87.8	88.4	84.0	83.4	83.0	84.7	82.3	81.8	81.8	81.5	81.2	81.7	85.0	86.0	88.8	90.4	91.7	93.4	96.0	95.4	95.1	87.1
6	94.7	91.3	88.0	88.8	85.8	82.9	82.5	82.4	82.4	89.2	82.0	81.8	81.8	81.4	81.5	83.7	85.3	88.4	90.2	91.2	92.6	92.3	93.5	92.7	86.8
7	91.3	89.9	88.1	86.8	88.0	85.2	84.7	84.4	84.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	80.9	80.6	80.3	80.0	80.8	80.8	84.0	86.7	87.6	89.1	89.7	91.2	92.5	93.7	94.7	86.4
9	93.8	91.8	87.5	88.1	84.9	83.5	83.5	83.5	83.8	82.5	82.0	81.4	80.9	80.5	81.2	83.6	85.5	87.8	90.2	91.3	93.7	94.5	94.7	94.0	86.7
10	94.0	92.9	90.8	88.2	87.1	86.8	85.6	85.3	84.5	84.3	84.0	83.0	82.0	81.8	82.9	84.3	86.8	87.9	90.5	90.4	90.7	93.2	95.8	95.3	87.8
11	94.2	93.3	90.8	88.5	87.3	86.6	85.4	84.7	84.8	83.8	83.5	88.0	82.5	82.0	82.5	85.0	87.9	89.4	90.3	91.9	93.3	94.4	96.0	95.7	88.2
12	93.7	91.9	90.0	89.4	88.8	87.7	87.4	86.8	86.0	85.3	84.6	83.7	82.8	82.5	82.4	83.8	88.7	88.8	91.0	92.8	93.8	95.0	95.4	94.8	88.5
13	93.6	91.8	89.7	88.4	86.9	86.4	85.5	85.4	85.4	84.9	84.4	83.8	83.2	82.8	83.7	86.4	88.6	90.7	91.9	93.3	94.1	95.3	94.9	95.0	88.8
14	94.0	92.9	91.2	89.8	88.9	88.5	88.2	87.7	86.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	85.5	85.8	84.5	84.0	83.6	83.4	85.5	87.1	89.2	90.8	92.3	92.7	93.0	93.0	92.2	88.8
16	98.4	89.1	87.3	88.4	82.8	85.4	85.1	83.5	82.7	82.4	82.0	82.0	82.0	80.4	80.0	82.3	85.8	89.0	89.8	90.7	90.8	90.7	92.0	93.6	88.2
17	91.7	90.8	87.0	85.6	84.5	84.3	84.1	84.0	83.7	88.2	82.8	82.5	82.5	82.2	81.3	80.8	81.8	82.2	84.4	85.7	86.2	86.7	87.6	87.0	84.7
18	87.1	85.8	84.1	83.3	82.3	82.7	82.7	82.9	82.3	80.4	79.5	78.0	77.6	77.8	77.8	78.7	79.7	81.0	82.4	84.7	87.4	89.0	89.5	89.2	82.7
19	87.5	86.5	85.8	84.3	83.7	83.0	82.2	81.8	81.4	80.9	80.3	80.0	79.8	79.5	79.4	79.4	80.9	83.7	85.6	86.6	87.3	87.8	88.7	85.6	83.3
20	84.2	84.0	82.8	81.2	81.2	81.0	80.9	80.4	79.7	79.6	79.5	79.4	79.4	79.4	79.8	80.4	81.7	82.6	83.5	84.7	85.2	85.8	85.7	85.5	82.8
21	84.0	84.0	83.2	82.6	81.8	81.2	80.7	80.7	80.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	80.0	75.8	75.8	79.4	79.4	79.5	80.8	82.0	84.6	87.0	85.8	90.5	91.4	92.2	91.7	83.8
23	91.2	86.0	85.8	84.6	84.4	83.6	83.1	82.2	81.8	81.4	80.9	80.7	80.5	80.2	80.0	82.7	85.4	88.3	90.0	91.3	91.8	92.2	93.5	92.6	85.5
24	91.8	85.7	86.8	85.3	84.8	84.2	83.7	83.3	82.9	82.4	81.9	81.2	80.5	80.5	81.4	84.7	87.2	89.2	91.3	93.1	93.3	93.3	93.5	91.9	86.4
25	90.8	88.0	88.5	85.8	85.1	84.6	83.4	83.4	82.8	81.9	81.1	80.1	79.2	78.5	79.8	83.7	87.3	89.3	90.8	91.4	91.7	91.5	91.8	90.9	85.8
26	90.9	88.1	85.0	84.8	84.2	83.8	83.2	82.8	81.7	81.2	80.8	79.9	79.3	78.8	80.3	84.5	87.2	89.0	91.1	92.0	91.3	91.4	91.6	91.0	85.8
27	90.5	88.2	85.9	84.9	84.3	83.2	83.6	83.2	82.7	82.3	81.8	81.4	81.0	80.8	81.5	84.8	87.0	89.2	91.7	92.0	92.1	92.0	91.0	90.2	86.1
28	89.9	88.1	85.8	84.9	84.5	84.4	84.1	83.5	82.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	77.7	77.4	77.1	70.8	77.4	77.7	78.7	78.8	79.5	81.9	84.0	85.5	87.8	88.0	88.0	82.8
30	87.1	86.6	82.8	83.2	82.9	82.4	81.6	81.3	80.7	79.6	79.5	78.1	77.7	77.6	78.4	81.8	84.4	87.4	87.4	86.3	85.5	86.6	89.0	89.5	83.2
31	87.5	85.4	83.5	82.8	81.7	81.4	81.2	80.9	80.7	80.6	80.5	80.0	79.6	79.5	79.6	80.8	82.8	84.8	86.0	87.5	87.7	91.7	92.7	88.5	83.7
Means.	90.8	89.0	86.3	85.8	84.5	83.9	83.4	83.0	82.8	81.5	81.4	80.9	80.6	80.3	80.6	82.6	84.9	86.9	88.7	89.8	90.8	91.5	92.2	91.7	85.8

* The Numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily Means.

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DRY THERMOMETER (Standard.)

Gottingen Mean Time		Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.		P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
SEPTEMBER 1852.	1	83·0	81·3	80·3	80·1	80·0	80·8	80·5	80·5	80·2	79·9	79·6	79·2	78·8	78·5	79·8	83·3	85·7	87·4	89·7	90·7	92·2	92·2	93·7	93·6	83·8
	2	93·4	85·8	86·8	85·4	64·5	84·4	65·2	82·6	81·9	81·4	81·0	80·8	81·5	80·5	81·8	84·5	86·7	68·8	90·3	91·7	92·9	95·7	93·7	93·3	86·4
	3	92·1	91·1	85·1	86·6	86·0	85·0	84·5	84·0	83·5	82·7	81·9	63·1	82·2	81·7	81·8	84·0	65·3	87·4	89·5	92·0	93·3	93·7	93·7	93·3	86·9
	4	92·3	90·6	88·4	87·3	86·3	86·0	84·8	84·0	83·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	5	—	—	—	—	—	—	—	—	—	82·8	82·3	81·8	81·2	80·8	81·4	84·7	87·0	90·0	91·8	93·7	95·8	94·3	94·0	93·1	87·4
	6	91·4	88·6	86·8	66·3	86·0	85·8	83·4	85·0	84·5	81·0	81·5	84·0	82·3	82·0	85·1	86·2	88·7	90·8	92·2	91·9	92·9	91·5	92·0	91·6	87·3
	7	91·5	83·5	87·0	86·3	85·6	85·1	84·2	83·8	83·7	83·4	83·2	82·8	82·5	82·0	81·7	83·2	86·6	89·1	91·4	93·3	92·5	90·9	91·7	91·4	86·7
	8	91·1	83·8	86·1	84·9	83·3	85·0	82·7	82·3	81·5	81·0	80·5	81·4	80·2	79·7	80·1	80·5	80·3	85·2	89·0	90·4	86·0	90·2	90·7	90·2	84·5
	9	83·0	85·7	84·7	84·1	83·0	82·3	78·9	78·3	77·8	77·4	77·5	77·5	77·7	77·6	79·3	82·0	64·1	85·3	87·0	88·7	90·5	87·5	86·6	86·4	82·8
	10	85·2	84·5	83·7	81·5	85·0	82·5	82·0	81·6	81·3	80·8	80·4	80·0	79·6	79·0	77·8	78·8	79·9	82·8	84·0	86·2	89·0	88·7	88·5	93·1	82·7
	11	75·7	78·8	79·1	79·4	79·3	79·0	78·9	78·0	77·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	—	—	—	—	—	79·1	78·8	76·8	78·8	77·9	79·0	82·4	84·5	85·6	87·4	89·6	89·7	88·0	87·3	83·0	81·6
	13	83·1	82·3	81·4	81·1	81·2	80·7	80·2	75·7	78·8	78·1	77·5	77·8	77·7	77·8	78·2	79·4	81·9	85·1	87·8	85·7	91·0	91·1	90·5	87·2	82·5
	14	84·7	82·2	62·1	81·1	80·8	81·7	81·4	80·8	80·2	79·8	75·0	78·8	78·6	78·5	78·6	80·7	84·1	87·7	89·0	85·6	90·3	90·8	91·2	91·5	83·5
	15	89·7	87·8	85·6	84·3	83·6	83·0	82·5	81·8	81·0	80·6	80·3	79·9	79·5	79·4	79·3	81·9	84·2	86·6	89·0	89·6	90·4	91·3	91·7	91·3	84·7
	16	91·7	89·4	87·4	86·4	85·0	84·0	83·7	83·2	82·6	81·9	81·2	80·6	80·0	79·6	80·6	83·9	85·7	87·8	89·3	90·3	91·2	93·2	93·8	93·4	86·1
	17	93·2	85·9	87·8	86·5	85·9	85·3	84·2	84·0	83·7	83·1	82·5	81·6	80·7	80·0	80·3	61·6	83·4	85·1	88·5	89·7	91·4	92·9	92·4	92·2	86·1
	18	92·2	89·4	86·9	85·4	81·6	84·0	83·9	82·9	82·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	19	—	—	—	—	—	—	—	—	—	81·9	81·5	81·1	80·8	80·4	80·9	83·5	84·6	88·0	89·5	81·9	92·4	93·0	95·7	93·7	86·2
	20	90·0	86·8	83·3	85·0	81·7	84·5	81·1	83·5	83·8	82·7	83·2	82·1	82·0	82·2	82·8	83·2	87·5	89·3	90·7	91·6	92·1	92·9	93·7	91·7	86·3
	21	89·3	87·3	85·7	85·0	84·8	84·4	84·0	83·7	83·3	82·9	82·8	81·9	81·2	80·3	81·4	83·9	86·0	87·9	89·2	90·4	91·7	92·8	95·4	91·8	86·0
	22	91·1	87·7	86·2	85·2	81·7	84·6	81·1	83·6	83·5	83·0	82·6	82·1	81·5	81·0	81·7	83·5	86·2	68·7	90·3	91·5	92·7	94·0	92·8	92·5	86·4
	23	90·7	87·8	86·4	85·4	84·8	84·6	84·1	85·5	83·5	83·1	82·7	82·1	81·4	80·8	81·6	84·3	67·0	69·3	91·3	92·2	93·7	94·2	94·8	94·5	86·8
	24	91·5	85·7	86·6	65·7	85·4	84·3	84·0	65·5	82·8	82·5	81·2	81·8	81·4	80·9	81·1	83·1	85·8	88·6	89·7	91·9	93·8	94·4	95·4	96·0	86·6
	25	93·7	69·4	86·6	63·7	84·7	81·2	83·6	83·0	82·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	—	—	—	—	—	—	83·0	82·6	82·2	81·7	81·4	81·8	84·1	86·8	88·7	90·3	81·8	92·5	93·7	94·1	91·9	86·6
	27	90·2	87·4	83·7	85·0	81·4	83·9	83·7	83·5	83·1	82·8	82·8	82·4	82·2	81·9	82·4	84·5	86·5	88·9	90·7	92·1	91·8	91·0	91·0	90·5	85·2
	28	88·6	86·6	85·5	85·0	81·8	84·2	83·8	83·8	83·6	83·5	83·4	80·7	78·0	79·7	80·8	81·6	86·1	87·8	89·6	91·3	91·1	90·8	90·5	89·8	83·6
	29	88·8	86·5	86·1	85·2	81·8	81·9	81·0	85·6	85·2	81·4	79·6	79·3	79·0	78·6	79·0	81·9	81·7	87·0	88·6	88·9	89·4	89·5	90·2	90·0	84·7
	30	85·0	86·7	85·5	84·8	83·8	83·5	83·0	83·0	82·5	82·1	81·7	81·3	80·6	80·4	81·2	84·0	86·8	89·4	91·4	91·4	91·8	91·5	90·9	89·[illegible]	85·7
	31																									
Means.		89·4	87·0	83·4	81·8	81·0	83·6	83·0	82·5	83·1	81·7	81·3	80·8	80·4	80·1	80·7	83·0	83·8	87·7	89·5	90·6	91·6	91·8	92·0	91·0	85·4
OCTOBER 1852.	1	88·3	86·0	84·7	84·4	83·9	83·1	82·6	82·1	81·5	81·6	81·5	81·2	80·9	80·8	61·3	83·8	86·4	88·8	90·7	90·8	91·7	91·4	91·4	90·6	85·4
	2	80·4	86·8	85·5	84·6	83·9	83·4	83·0	81·0	80·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	3	—	—	—	—	—	—	—	—	—	79·7	79·5	79·3	79·0	78·5	79·7	82·4	86·0	88·7	85·2	89·4	89·2	85·3	85·2	88·2	84·3
	4	87·0	85·0	85·5	82·8	82·4	81·0	80·0	75·0	78·2	78·0	77·8	77·4	77·0	76·7	78·0	81·0	84·3	86·5	87·5	88·0	88·2	88·6	88·1	87·5	82·6
	5	86·4	84·4	85·5	82·8	82·6	81·4	80·4	79·7	79·2	78·8	78·5	78·2	77·9	77·6	75·0	83·7	84·6	86·6	88·7	85·4	90·0	85·6	90·1	88·0	83·3
	6	86·5	85·3	84·2	81·0	83·6	83·4	83·3	89·7	81·5	81·1	80·7	80·1	79·5	79·2	79·4	81·5	83·6	86·4	85·5	85·2	79·5	79·6	78·0	78·0	82·2
	7	77·2	76·8	76·4	77·1	77·5	77·5	76·0	75·3	74·7	74·8	74·5	74·8	75·0	75·7	73·9	75·5	76·1	76·5	78·2	79·8	82·0	78·8	79·0	80·7	76·8
	8	79·6	78·4	79·6	80·0	79·6	79·0	79·5	79·2	79·2	78·6	75·0	77·5	77·5	76·7	78·8	77·4	77·8	77·8	77·0	76·3	76·0	75·7	76·4	76·2	77·9
	9	76·9	75·5	75·5	75·6	75·6	76·4	76·5	76·5	78·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10	—	—	—	—	—	—	—	—	—	78·9	78·4	78·6	78·7	76·7	78·8	80·2	65·2	84·3	86·0	86·9	87·5	87·8	86·8	86·9	80·2
	11	85·8	83·2	82·1	81·8	81·6	81·6	81·4	81·2	80·7	80·3	79·9	75·6	79·2	78·8	79·4	†81·9	83·7	85·1	86·5	[illegible]	87·3	88·3	85·2	87·6	63·0
	12	86·8	84·5	83·3	82·5	82·1	61·6	80·8	80·4	79·5	79·1	78·8	78·7	78·5	78·3	78·7	81·9	83·7	85·3	86·8	86·5	87·8	87·8	88·0	87·5	62·9
	13	86·5	84·3	83·0	82·4	82·1	81·8	80·8	80·3	79·7	79·6	79·6	79·5	79·4	79·2	79·8	82·5	84·5	88·0	86·8	87·8	88·8	88·4	88·5	87·7	83·3
	14	86·6	84·7	83·2	82·1	81·3	80·7	80·2	79·7	79·5	79·4	79·3	79·0	78·7	78·7	79·2	82·0	84·3	85·4	86·2	87·7	89·0	90·4	90·4	69·6	83·2
	15	88·5	85·8	84·6	85·7	83·3	82·6	81·8	81·5	81·4	81·2	81·0	80·8	80·7	80·4	81·0	83·0	86·7	87·3	89·2	90·4	91·6	83·4	80·8	82·6	83·9
	16	82·9	82·0	81·4	80·7	80·1	79·7	79·5	79·6	79·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	17	—	—	—	—	—	—	—	—	—	76·4	76·5	76·6	78·7	77·0	78·0	80·2	81·7	83·0	84·1	86·0	86·7	86·3	86·6	88·0	81·1
	18	84·8	83·1	82·7	83·4	82·6	82·3	81·8	81·3	80·2	79·5	79·0	78·9	78·8	78·8	79·7	80·3	80·1	81·7	79·5	80·9	81·8	79·0	79·9	80·5	80·8
	19	80·4	75·2	78·9	78·9	78·8	79·0	79·0	79·0	78·7	78·6	78·5	78·3	78·1	78·1	76·7	79·0	81·7	83·3	82·9	85·8	85·6	86·1	84·0	82·4	80·6
	20	76·8	76·6	74·4	75·6	75·6	76·4	75·1	75·7	75·7	74·7	73·7	73·1	72·4	71·8	71·3	71·4	71·8	71·9	72·3	72·6	72·5	72·4	72·7	73·2	73·8
	21	73·2	73·1	75·6	73·6	73·4	73·6	74·6	73·5	75·5	73·6	73·7	74·1	74·5	75·3	76·5	79·0	80·8	82·0	84·5	85·2	86·2	86·7	66·0	85·2	77·7
	22	82·4	82·0	81·8	81·6	81·7	81·6	79·8	79·8	79·6	78·1	75·7	78·1	77·3	77·2	77·3	80·0	83·1	83·5	64·8	86·8	86·3	86·8	66·5	86·0	81·7
	23	85·0	82·7	82·2	81·9	81·6	81·6	81·5	81·5	61·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	—	—	—	—	—	80·8	80·3	79·8	79·3	78·9	78·7	81·3	83·5	83·3	85·8	85·8	87·6	88·1	87·3	86·5	82·6
	25	84·2	82·7	82·0	81·4	81·0	81·0	80·6	80·1	79·5	79·5	79·8	78·9	75·3	77·5	78·7	81·4	63·3	84·6	85·8	87·6	87·0	88·5	87·3	85·[illegible]	82·3
	26	85·3	83·1	81·7	81·1	80·2	79·7	79·3	75·9	78·8	78·7	78·6	78·2	77·8	77·8	78·6	81·4	81·5	86·0	86·8	87·4	87·5	87·7	87·6	86·8	62·3
	27	84·8	83·0	81·8	81·2	80·6	80·3	75·6	79·3	78·7	78·4	78·2	78·1	78·0	78·0	79·3	81·5	83·5	84·4	85·4	86·8	87·0	86·7	86·6	86·3	82·0
	28	84·6	84·1	82·0	81·4	80·5	80·2	79·4	78·8	78·4	77·9	77·4	77·2	77·0	77·0	78·8	80·7	82·7	84·5	86·0	85·9	86·4	86·8	86·6	86·0	81·6
	29	84·9	83·0	82·1	81·6	81·4	80·8	79·6	79·0	78·7	78·3	77·9	77·8	77·7	77·8	78·3	80·7	83·7	84·3	85·5	86·5	65·4	85·8	86·0	85·5	81·7
	30	84·4	82·8	82·4	81·9	81·6	81·2	81·0	80·3	79·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	31	—	—	—	—	—	—	—	—	—	77·7	77·4	77·1	76·7	76·7	77·4	78·0	78·6	79·3	79·8	79·8	79·3	79·8	80·0	79·8	79·7
Means.		83·6	82·2	81·4	81·0	80·8	80·4	79·8	79·4	79·0	78·6	78·3	76·1	77·8	77·7	78·3	80·4	82·3	83·7	84·6	85·5	85·7	86·4	85·1	84·7	81.4

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

† These temperatures were noted by the Dry Ther. the standard having been removed for the purpose of making comparison with the new arrived Thermometers.

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DRY THERMOMETER (Standard.)

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	10	17	13	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4 41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
NOVEMBER 1852.																									
1	80·0	80·3	80·2	80·1	80·0	75·8	80·0	80·0	80·2	79·9	79·7	79·5	79·2	79·2	79·7	82·2	83·8	85·1	85·7	85·8	86·6	85·0	85·7	81·8	81·6
2	84·0	82·6	81·9	61·8	81·4	81·2	81·2	80·8	80·2	80·0	79·8	79·6	79·3	72·2	79·9	62·0	83·1	84·2	85·5	86·0	86·0	85·7	84·5	82·7	62·2
3	81·5	80·1	79·0	80·0	79·6	79·5	79·5	79·3	79·6	79·2	79·0	77·9	70·8	78·0	76·0	77·8	78·2	77·3	79·6	81·6	83·8	83·4	83·3	82·7	79·8
4	83·2	81·4	80·6	80·2	79·7	80·2	79·7	79·5	75·3	77·5	75·8	75·6	75·4	75·8	78·1	78·1	79·8	61·7	81·7	83·5	82·5	82·5	83·0	81·8	79·8
5	80·7	78·5	78·0	75·4	75·4	75·5	78·9	75·9	75·4	75·5	75·6	75·5	75·5	75·4	75·7	77·2	79·4	81·6	63·0	84·4	83·6	83·7	80·4	78·2	78·2
6	70·8	77·7	78·8	75·7	78·6	78·5	73·0	77·8	77·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	75·7	75·5	75·3	75·0	75·0	75·5	77·0	78·8	81·2	82·7	83·8	84·6	82·2	83·8	62·7	78·8
8	81·8	80·5	79·8	79·4	79·0	75·2	77·3	76·4	75·9	75·7	75·5	75·3	75·1	75·0	75·5	77·4	79·5	81·0	82·3	83·3	63·7	83·5	83·6	62·9	79·1
9	81·7	80·1	79·0	78·2	77·9	77·5	77·2	78·4	75·7	75·5	74·5	74·5	74·7	74·5	75·2	78·4	73·7	80·7	81·7	83·1	83·7	82·8	83·5	62·9	78·7
10	81·8	80·9	80·1	80·0	79·7	79·4	79·3	79·0	78·3	77·9	77·6	77·2	75·7	76·5	75·8	78·5	80·3	81·7	82·4	83·4	84·2	84·4	84·7	84·5	80·2
11	83·6	81·5	80·6	79·7	79·7	79·5	79·4	78·8	78·4	78·1	77·8	77·3	75·7	70·8	77·3	78·8	82·0	84·2	84·7	85·2	86·0	85·5	86·5	85·0	81·0
12	84·7	83·3	81·4	81·3	80·3	60·3	80·8	60·0	79·7	78·5	77·3	77·2	77·0	77·2	78·0	79·3	80·5	79·7	79·3	77·3	79·3	80·7	81·2	81·5	79·8
13	81·0	78·3	75·3	78·3	77·4	77·6	77·4	77·0	76·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	79·0	78·8	78·2	77·8	77·4	78·0	79·8	82·0	83·2	82·5	83·2	84·5	83·8	83·8	82·8	79·8
15	81·8	80·1	79·4	78·7	75·4	78·2	77·2	77·5	75·6	76·0	75·5	74·8	74·0	73·3	74·3	76·0	78·5	79·9	81·7	83·0	82·8	83·3	83·7	81·8	78·5
16	80·8	79·5	79·3	79·2	77·1	78·3	78·0	75·6	75·9	75·5	75·7	75·3	74·8	74·7	75·6	76·8	78·2	80·3	82·5	83·1	83·3	83·5	83·7	81·0	78·6
17	80·8	80·2	78·6	78·6	78·8	78·4	73·2	78·1	78·8	78·6	78·5	73·4	78·3	77·7	77·4	78·9	77·3	77·3	80·7	79·8	79·5	79·7	81·3	80·2	78·9
18	80·0	79·3	78·4	78·1	79·2	76·5	78·6	78·7	78·8	78·8	78·5	78·7	76·8	75·6	79·2	79·8	80·2	80·5	78·9	80·2	78·3	80·0	82·0	82·0	79·3
19	81·0	79·7	79·3	78·5	77·9	77·7	77·3	77·2	77·4	77·0	78·7	75·4	78·1	75·8	75·8	75·9	79·4	81·6	82·7	83·3	63·5	83·0	82·8	82·4	79·1
20	81·2	79·5	76·8	78·4	78·9	77·5	77·0	75·5	76·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	73·8	73·6	73·6	73·5	73·0	74·2	77·3	79·8	81·3	82·6	83·3	84·0	63·7	83·3	82·7	78·4
22	81·7	80·2	79·4	73·7	78·5	75·4	77·9	77·0	77·2	77·1	77·0	75·2	75·4	75·1	74·3	78·8	79·5	81·7	83·9	83·7	84·0	83·1	82·5	81·7	79·2
23	80·9	79·7	79·6	79·4	79·3	78·8	78·4	78·0	77·0	76·4	75·3	75·5	76·1	74·5	74·5	76·8	79·0	81·1	82·7	83·5	83·8	83·1	82·7	82·1	79·1
24	80·7	79·7	79·2	78·8	78·8	77·9	76·5	78·0	74·8	74·3	73·8	73·7	78·8	74·0	74·5	77·7	80·9	82·2	82·8	83·5	83·3	83·3	83·2	82·2	78·5
25	81·3	80·3	79·5	79·0	79·0	79·0	75·5	78·5	78·2	78·1	78·0	77·4	75·7	77·6	75·5	80·8	81·3	82·2	83·5	84·0	83·3	83·5	82·4	83·0	80·2
26	81·5	81·1	80·6	78·3	77·5	79·4	79·5	79·0	78·6	77·0	75·4	75·0	74·6	74·7	74·7	75·5	78·2	76·2	80·4	61·2	83·0	83·6	83·6	82·0	78·7
27	81·1	80·5	80·4	79·7	80·0	80·1	80·0	80·0	78·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	78·6	75·4	78·2	78·0	77·8	77·4	77·6	79·5	79·2	81·7	82·3	81·6	83·1	81·6	80·7	79·8
29	30·1	79·3	78·7	78·3	77·5	77·5	75·8	76·0	75·8	75·4	75·0	75·0	75·0	76·2	76·1	76·9	78·4	80·0	81·0	79·7	82·4	83·5	83·5	81·8	78·2
30	81·3	79·3	75·9	78·5	76·2	78·2	78·0	77·6	77·0	76·5	76·0	75·7	75·3	75·0	75·4	75·4	78·2	81·0	61·7	83·9	63·6	82·1	81·7	80·7	78·7
31																									
Means.	81·3	80·1	79·4	79·0	78·7	76·8	76·4	77·9	77·6	77·1	78·7	78·4	75·1	78·0	76·4	78·1	79·7	61·1	82·2	82·8	83·2	83·1	83·1	62·2	79·4
DECEMBER 1852.										*		*													
1	78·7	77·9	77·4	77·5	78·3	78·2	77·8	78·8	78·0	75·4	74·3	75·1	75·3	78·4	76·0	78·7	78·2	78·7	77·7	77·3	77·3	78·7	78·7	76·4	77·0
2	75·6	75·4	75·3	75·4	78·9	77·4	77·0	76·9	76·9	76·3	75·7	75·1	74·5	74·2	74·0	75·1	78·5	76·8	78·4	80·5	80·4	79·7	79·7	79·2	78·8
3	79·0	76·9	76·4	76·2	75·7	75·2	75·0	78·0	75·4	74·9	74·5	74·8	74·5	74·5	74·8	78·8	78·5	80·5	81·9	62·2	81·6	61·4	82·0	61·8	77·5
4	81·2	79·7	78·5	78·3	76·2	78·2	77·3	77·7	77·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	70·8	76·5	78·3	76·0	75·6	76·4	78·3	80·5	82·2	83·4	83·5	84·3	84·3	84·5	83·7	79·6
6	82·5	80·9	79·8	79·6	78·7	78·3	78·0	77·6	77·3	77·1	77·0	76·6	75·2	76·5	76·4	77·3	79·5	81·4	83·1	84·4	84·7	65·3	85·6	83·4	79·9
7	82·7	81·1	80·3	79·8	79·6	79·5	79·1	78·7	78·2	77·8	77·5	77·5	77·5	77·4	77·5	79·7	61·7	83·1	83·7	84·3	84·0	84·2	83·7	83·2	80·5
8	62·7	81·5	79·9	79·4	78·0	76·2	77·8	77·1	76·5	76·1	75·7	75·5	75·2	75·0	75·5	77·5	79·5	81·6	82·8	82·5	82·7	83·4	83·4	83·0	79·2
9	81·3	79·7	78·5	77·6	77·4	77·1	76·9	76·5	76·2	75·7	75·3	75·4	75·5	75·6	75·7	75·6	78·0	80·2	81·5	32·8	82·8	83·5	83·7	82·2	78·5
10	80·7	79·0	78·9	78·6	78·2	77·6	77·4	78·7	76·2	75·0	75·8	75·1	74·4	74·0	74·0	75·0	77·9	79·7	80·6	81·7	82·7	81·6	82·3	81·6	78·2
11	80·5	75·3	78·5	76·0	77·8	77·3	77·1	76·8	78·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	78·1	75·9	75·7	75·5	75·8	75·0	77·4	80·8	61·4	81·4	80·7	78·2	75·6	75·8	75·7	77·7
13	75·8	74·9	75·0	75·0	75·8	78·1	75·7	76·2	75·7	76·9	77·2	77·3	77·4	77·5	77·6	79·3	80·2	61·0	81·2	81·6	81·5	81·9	81·8	80·4	78·1
14	75·4	78·4	78·0	77·8	77·5	77·5	77·3	77·0	78·8	76·2	75·7	75·0	74·2	73·8	73·5	74·5	75·8	78·6	80·0	80·8	81·8	81·6	81·6	80·2	77·5
15	78·8	78·0	77·0	76·8	75·1	75·4	74·7	74·6	74·3	73·3	72·4	71·9	71·4	71·0	71·0	73·0	75·7	77·7	79·5	80·3	80·5	80·8	60·8	80·4	76·1
16	75·4	77·7	75·5	76·3	70·2	75·9	75·2	74·9	73·7	72·9	72·2	71·9	71·5	71·8	72·3	73·0	75·0	77·4	78·8	80·7	81·8	80·4	79·1	76·4	75·9
17	77·5	77·2	77·0	77·0	78·0	78·2	78·2	78·0	78·0	77·6	77·2	76·4	75·6	74·4	73·9	74·2	74·0	74·2	74·5	76·1	78·3	78·8	75·2	77·7	78·7
18	77·6	78·9	77·1	77·0	77·0	77·0	76·8	76·5	76·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	75·1	75·6	75·1	74·6	73·2	74·0	73·7	73·7	74·8	76·5	79·1	79·2	78·5	78·8	75·5	76·6
20	78·3	77·0	76·4	76·0	75·3	74·5	74·3	74·2	73·9	73·4	73·0	72·5	72·0	71·1	70·9	72·7	74·5	75·9	79·1	80·0	80·7	80·7	80·5	79·8	75·7
21	79·0	77·3	70·1	75·3	74·7	74·5	71·4	74·0	73·5	72·7	72·0	71·1	70·2	70·0	69·8	71·7	74·4	76·5	78·4	79·4	80·9	81·5	80·9	79·5	75·3
22	78·3	76·5	75·5	74·9	74·4	74·3	74·2	73·6	73·3	72·9	72·0	72·4	72·2	72·1	72·4	72·5	73·7	78·3	75·5	77·3	78·6	79·1	79·3	77·5	75·0
23	77·3	76·8	78·5	76·5	75·7	76·5	76·3	76·3	75·8	75·2	74·6	73·7	79·6	72·6	72·5	73·2	74·3	76·5	77·4	78·7	80·4	80·5	79·7	79·0	76·2
24	77·8	76·1	75·4	74·7	74·3	74·3	74·3	73·9	73·0	72·7	72·5	71·8	70·7	70·6	70·7	73·2	75·6	78·0	79·0	75·8	80·0	80·0	80·8	80·6	75·4
95	79·0	77·3	77·2	76·7	76·4	75·3	76·3	76·2	75·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	73·1	72·3	71·5	70·7	70·7	70·6	71·6	73·9	77·0	75·5	79·0	79·3	79·6	79·4	78·6	75·7
27	78·3	76·4	75·1	74·1	73·8	73·3	73·0	73·0	72·0	72·0	72·0	71·6	71·6	71·8	71·4	72·4	74·7	76·7	78·9	79·2	79·6	79·5	79·6	78·0	74·9
28	78·0	75·7	74·6	73·8	73·1	72·5	72·5	72·0	71·0	70·5	70·0	59·5	59·2	59·0	69·3	70·4	72·7	75·0	77·0	78·9	79·0	79·8	79·3	78·7	73·6
29	77·5	76·3	74·9	74·0	73·6	73·6	73·5	72·6	71·5	70·8	70·2	70·1	70·0	70·0	70·5	71·6	75·0	77·5	79·3	80·1	81·6	61·0	81·4	80·4	74·9
30	79·5	78·1	75·9	76·3	75·5	75·1	75·1	74·0	74·0	73·5	73·0	72·8	72·5	72·5	72·6	74·2	75·7	78·8	80·9	81·9	82·4	83·0	82·6	81·7	75·8
31	80·7	79·0	77·8	77·9	77·2	78·5	75·8	75·5	74·6	74·2	73·6	73·1	72·5	72·4	72·4	73·5	78·4	78·7	80·4	86·1	82·4	82·5	82·6	82·0	77·2
Means.	70·1	77·8	77·1	76·7	78·5	76·3	76·0	75·6	75·2	74·7	74·3	73·9	73·5	73·2	73·4	74·7	76·8	76·4	79·7	80·5	61·0	81·0	80·8	80·0	70·9

* The Numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily Means.

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WET THERMOMETER.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
										*		*													
	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
JANUARY 1852.																									
1	68·5	65·1	68·3	68·3	68·7	69·2	83·5	67·8	67·6	69·2	65·5	66·9	69·3	68·3	68·3	69·6	71·6	71·5	72·2	72·6	72·1	71·6	71·7	70·7	69·7
2	69·4	69·4	69·5	69·3	69·4	59·8	69·6	69·6	69·3	69·5	69·7	69·3	89·0	69·3	69·8	70·3	70·7	70·4	71·4	71·3	70·5	71·3	71·2	70·6	70·0
3	70·7	70·6	71·1	71·1	71·6	71·3	71·6	71·6	71·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	70·6	70·6	70·7	70·5	71·3	69·5	70·8	71·3	72·3	71·1	70·7	71·3	71·8	71·3	70·5	71·0
5	70·5	70·6	70·2	69·9	70·3	70·1	70·0	70·0	70·3	70·3	70·3	70·3	70·3	69·8	70·4	71·3	71·5	71·3	70·7	71·5	71·1	70·3	70·5	70·5	70·3
6	68·3	68·7	86·7	66·7	69·0	68·6	69·1	69·1	69·3	69·0	68·8	68·5	68·3	67·0	66·5	67·6	69·3	69·3	69·3	69·7	71·3	70·3	69·6	69·5	68·6
7	69·3	89·6	69·1	69·3	89·0	68·4	69·1	68·5	68·3	68·8	66·7	66·2	67·8	86·6	67·3	68·2	70·4	70·0	71·1	71·5	71·3	71·7	70·3	69·7	69·2
8	70·1	69·6	70·0	70·2	70·7	70·3	70·4	70·6	70·3	70·1	85·5	70·1	70·5	70·5	71·1	71·5	73·3	73·3	73·5	74·3	73·5	74·1	74·1	73·7	71·5
9	73·7	73·7	73·7	73·6	73·6	76·3	73·6	74·6	74·3	74·3	74·3	74·1	73·0	73·8	74·1	74·3	74·8	74·5	74·5	74·5	73·7	73·7	71·3	74·5	74·1
10	74·8	74·1	73·7	73·4	73·3	73·6	74·0	73·5	73·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	70·3	70·3	69·8	89·1	69·3	69·3	72·1	73·3	73·7	74·3	74·3	73·7	74·1	73·7	72·7	72·7
12	72·7	72·5	72·0	72·6	72·3	72·2	71·2	71·5	71·3	71·0	70·7	70·5	70·3	70·7	89·0	70·3	72·3	72·2	72·3	73·3	73·2	73·6	73·1	72·8	71·8
13	72·8	72·3	71·3	71·0	70·4	69·6	69·2	68·4	68·7	66·5	68·3	68·3	68·3	67·9	67·5	69·3	71·1	71·8	72·0	71·6	71·6	71·5	71·6	71·8	70·2
14	71·1	71·6	70·2	70·0	70·3	69·3	68·4	67·1	67·1	88·6	66·5	58·0	65·5	65·9	65·8	67·5	70·1	71·3	71·6	72·3	73·0	72·7	72·3	72·5	69·4
15	72·3	71·6	71·2	70·5	70·5	70·6	88·3	68·8	58·1	67·3	66·5	66·3	86·1	65·7	66·3	69·5	73·3	73·3	72·3	74·3	73·3	72·6	71·5	71·1	70·0
16	71·1	71·3	70·9	70·6	70·0	70·3	69·3	69·1	67·8	67·6	57·3	67·2	67·1	67·6	86·4	53·3	70·9	71·6	71·7	70·3	69·5	09·6	66·8	69·2	69·2
17	70·8	71·2	70·4	70·1	70·1	70·1	69·4	69·3	63·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	68·7	63·3	67·9	67·5	67·3	66·6	67·4	70·7	71·3	70·3	71·3	70·7	71·3	71·3	71·3	69·6
19	70·6	71·1	70·5	69·8	69·3	66·8	68·2	67·8	66·6	66·5	56·3	66·3	66·3	66·0	86·5	68·4	71·2	71·5	71·3	89·7	70·3	70·6	69·5	71·7	66·9
20	72·1	71·9	71·7	71·4	71·3	71·8	71·0	70·5	70·3	70·3	70·0	69·6	69·2	68·6	68·3	70·3	72·3	73·5	74·3	73·7	73·3	73·7	73·3	72·7	71·4
21	72·7	72·3	71·9	71·6	71·3	71·0	71·2	71·3	70·6	70·3	69·8	69·8	69·5	68·6	69·3	71·5	72·6	73·3	76·5	74·3	74·1	74·0	74·3	73·7	71·6
22	73·3	76·1	72·7	72·7	72·6	72·8	72·7	72·3	72·3	71·8	71·6	71·4	71·5	71·0	70·6	72·0	73·3	74·6	75·1	75·1	74·3	74·3	74·9	74·7	72·9
23	74·1	74·4	74·1	74·1	73·4	73·3	72·6	73·3	73·8	73·6	73·6	73·4	73·3	72·8	72·6	72·3	75·1	74·0	74·5	76·1	75·1	75·3	75·3	75·3	74·0
24	74·7	74·5	74·4	74·4	74·3	74·1	73·3	73·3	73·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	70·7	70·3	70·0	69·7	69·1	69·3	71·3	72·8	73·0	73·3	73·3	73·3	73·1	73·3	71·1	72·5
26	72·3	71·6	70·9	71·2	71·3	70·7	69·3	88·3	68·8	68·4	68·6	66·2	68·3	67·3	66·0	69·8	72·5	73·5	73·6	73·3	73·1	73·7	72·7	72·3	70·7
27	72·3	72·6	71·6	71·6	71·3	71·3	70·1	69·3	68·7	68·5	68·3	67·0	67·3	67·1	66·3	68·4	71·4	72·3	71·5	71·7	71·3	71·1	70·1	69·5	70·1
28	69·8	69·6	70·5	70·5	70·3	70·1	69·1	67·8	67·3	67·4	67·5	66·8	66·1	54·8	65·3	66·6	69·3	69·3	69·3	69·7	89·3	68·6	68·5	68·5	66·4
29	89·8	69·7	69·0	68·8	67·5	67·3	66·5	66·1	05·3	64·8	64·3	64·0	63·6	63·6	62·5	63·6	67·0	69·8	68·7	68·7	87·5	73·6	71·9	70·6	67·1
30	66·7	69·7	89·2	68·6	68·3	87·9	66·8	66·2	65·5	85·4	65·3	63·3	65·3	85·5	64·7	68·3	70·3	71·3	71·5	71·3	72·1	71·3	71·8	71·7	65·6
31																									
Means.	71·3	71·4	71·0	70·9	70·8	70·6	70·1	69·8	69·5	69·2	69·0	68·6	68·6	68·2	63·1	69·5	71·6	72·1	72·1	72·3	72·1	72·2	71·8	71·7	70·5
										*		*													
January 31st	70·9	71·0	70·9	70·9	70·4	70·1	69·1	88·3	87·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
FEBRUARY 1852.																									
1	—	—	—	—	—	—	—	—	—	67·4	67·3	67·1	67·0	66·7	66·3	67·4	69·1	71·3	71·1	72·3	71·3	71·3	71·3	71·5	69·5
2	70·5	69·3	70·3	69·4	68·6	68·1	67·6	67·3	67·3	67·3	67·6	67·3	67·3	67·3	66·5	89·3	69·3	70·3	70·3	71·3	70·8	70·6	71·6	71·2	69·0
3	70·6	69·2	69·8	69·1	68·6	89·6	68·6	68·1	67·3	67·4	67·5	67·3	67·1	67·3	67·1	66·6	70·1	70·5	71·3	71·5	71·1	70·3	70·5	70·8	69·1
4	70·6	70·3	09·2	69·1	69·5	69·4	69·4	69·3	69·3	69·3	69·3	69·1	69·0	68·3	67·3	69·3	70·3	70·6	71·6	76·6	72·3	73·3	72·8	73·1	70·2
5	72·5	72·8	71·5	71·6	73·1	76·1	73·1	73·6	73·9	73·8	73·3	72·6	72·4	71·7	70·6	72·3	74·3	74·6	74·3	75·6	75·3	75·0	75·0	75·1	78·4
6	75·3	74·3	74·3	74·3	74·6	74·5	74·5	74·3	73·3	72·8	72·3	72·3	72·3	71·7	72·3	73·9	75·1	76·4	76·3	76·6	76·5	76·1	76·1	75·6	74·4
7	75·5	74·5	74·6	74·4	75·2	75·0	74·6	74·5	73·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	70·7	70·3	69·9	69·5	69·3	68·5	71·1	73·3	74·4	74·6	75·1	74·5	74·3	73·5	73·8	73·1
9	78·3	72·3	72·4	71·6	71·2	70·5	70·0	69·3	68·7	68·5	68·3	67·9	67·6	67·3	67·8	69·9	71·7	73·3	72·1	72·6	71·8	72·6	72·8	72·8	70·8
10	72·0	71·2	70·5	70·3	70·1	69·0	68·4	68·1	07·3	87·2	67·0	66·6	66·3	66·3	65·7	68·3	70·4	71·3	72·0	71·3	72·3	72·5	72·3	71·5	69·6
11	71·4	70·8	69·5	69·1	68·5	87·9	66·4	66·3	65·3	65·6	65·1	64·8	64·5	64·3	65·3	66·3	68·7	65·3	68·9	69·3	70·3	70·0	71·6	71·8	67·9
12	72·9	71·2	70·5	69·8	70·2	69·8	69·3	68·3	68·6	68·0	67·6	67·4	87·3	67·3	66·3	68·7	70·5	71·3	09·3	68·6	69·3	70·8	71·3	71·2	69·4
13	70·9	70·5	69·3	69·8	69·6	69·6	70·0	89·6	70·1	69·7	69·3	68·8	68·3	67·7	66·3	68·5	70·5	71·3	72·3	72·3	72·8	73·3	73·3	72·9	70·3
14	72·6	71·6	70·8	71·2	71·4	71·4	71·3	71·1	70·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	71·6	71·3	71·0	70·7	70·3	69·7	71·3	73·6	73·3	72·8	73·8	74·3	74·6	74·3	74·3	73·0
16	73·8	73·3	73·2	73·4	73·6	76·5	76·3	71·3	71·3	71·0	70·6	70·4	70·3	70·1	69·3	71·3	73·3	73·6	73·8	74·6	74·3	74·3	74·3	74·9	72·6
17	74·2	74·0	74·0	73·5	73·9	74·1	74·1	74·1	73·9	73·6	73·6	73·4	73·3	72·5	71·3	73·3	74·3	75·5	76·7	75·9	75·8	75·6	76·0	76·3	74·3
18	75·9	75·4	75·5	75·4	75·3	75·3	75·3	75·5	73·3	75·4	75·3	75·0	74·8	74·5	74·1	74·3	75·1	76·3	76·9	76·6	76·8	76·9	76·6	77·3	75·6
19	77·3	76·2	76·2	73·9	76·1	75·5	76·5	75·3	75·1	74·6	74·4	74·3	74·3	73·6	72·3	75·1	76·0	75·3	78·1	78·8	76·5	76·3	77·0	76·8	75·5
20	75·6	75·2	74·3	74·5	74·3	78·7	76·7	73·3	72·5	73·4	72·3	71·7	71·2	70·3	70·5	72·7	73·3	74·5	74·3	74·3	75·6	76·3	75·8	75·6	73·7
21	75·5	74·3	73·8	71·8	73·1	72·7	72·3	72·1	71·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	69·8	69·5	69·3	69·1	68·3	63·5	71·3	73·5	76·0	73·3	73·5	74·7	73·3	73·7	73·3	72·1
23	73·8	71·6	71·3	71·4	71·4	71·6	71·2	70·2	70·3	70·2	70·0	69·6	69·8	68·8	68·9	69·3	70·3	71·8	71·8	71·3	72·0	72·3	72·3	72·8	71·0
24	71·8	70·8	70·6	71·3	70·9	70·7	69·3	88·1	68·3	66·5	68·7	88·6	63·5	68·3	65·1	68·3	70·3	72·1	73·0	72·9	73·0	76·5	73·7	73·3	70·5
25	73·5	73·2	72·3	71·8	71·5	71·4	70·6	68·9	68·3	66·3	68·3	68·6	83·3	63·5	65·3	71·3	73·3	74·8	75·5	75·9	76·5	76·3	76·3	76·2	72·0
26	76·5	76·5	75·2	75·1	74·7	74·5	74·1	72·7	72·6	72·4	72·8	72·5	73·6	73·0	72·5	72·7	73·7	74·6	75·3	76·3	76·3	77·0	77·3	76·1	74·4
27	75·9	75·2	74·3	74·0	73·9	73·3	73·3	71·3	70·3	70·5	70·7	70·3	68·9	69·6	89·3	73·0	75·4	75·1	75·5	78·3	78·8	77·8	73·0	77·3	73·8
28	77·3	76·3	75·6	75·5	74·9	74·3	73·6	72·1	71·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	72·3	71·8	71·8	70·5	70·3	70·3	73·8	74·0	72·9	73·4	73·9	74·2	73·7	74·4	73·6	73·4
30																									
31																									
Means	73·6	72·8	72·4	72·3	76·2	71·9	71·5	70·9	70·5	70·3	70·1	69·9	69·7	69·3	63·9	70·5	72·4	73·0	73·3	73·8	73·9	73·9	74·1	74·0	71·9

* The Numbers in these Columns are not observed but interpolated for the sake of obtaining the daily Means.

WET THERMOMETER

MARCH 1852.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras, Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
1	73.3	73.2	72.7	72.5	72.7	72.3	71.8	71.3	70.8	69.6	68.3	68.3	63.3	68.1	68.1	71.3	74.3	74.3	75.3	76.0	76.3	76.3	76.5	76.3	72.4
2	75.7	75.2	74.6	74.3	74.1	73.3	72.7	71.5	70.3	69.8	69.3	69.2	69.1	68.3	69.1	72.8	74.1	74.5	75.1	75.5	76.7	77.3	77.3	76.8	73.2
3	76.3	76.3	75.8	75.5	75.6	75.5	75.3	74.1	72.3	72.5	72.7	72.7	72.8	72.3	72.3	74.8	76.3	76.9	77.3	78.3	78.6	79.3	78.6	78.1	75.4
4	77.6	77.9	77.6	77.4	77.3	77.8	77.3	77.1	78.6	75.9	75.3	74.8	74.3	74.3	74.3	75.8	76.6	76.3	76.6	77.7	78.1	78.3	77.7	77.3	76.6
5	77.3	77.2	76.8	76.2	76.3	78.1	76.0	75.9	75.3	74.3	78.3	72.4	71.5	71.1	72.3	75.3	76.3	76.3	77.5	77.9	77.3	77.5	77.3	76.7	75.6
6	76.0	75.7	75.5	75.2	75.0	74.5	74.3	74.0	73.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	71.8	71.3	70.8	70.3	69.5	70.3	73.3	73.5	74.5	74.7	74.7	75.1	75.3	75.3	74.9	73.7
8	74.8	73.4	73.5	73.3	72.6	72.8	72.6	71.5	71.3	71.2	71.1	70.8	70.5	70.8	70.1	71.9	73.1	73.3	73.5	73.8	74.3	74.3	74.3	74.2	72.6
9	73.7	73.1	72.2	71.1	70.5	70.4	70.2	69.3	69.3	65.1	63.8	68.6	68.5	68.1	66.9	70.8	72.7	73.1	73.8	73.9	74.3	74.8	74.9	74.6	71.4
10	74.3	73.5	72.9	72.8	72.5	71.6	71.5	71.3	71.3	71.0	70.7	70.4	70.1	69.3	69.1	72.1	74.3	75.1	75.4	75.7	75.8	76.1	76.3	75.9	72.9
11	75.4	74.9	74.6	74.8	74.3	74.4	74.1	73.8	73.1	72.7	72.3	71.9	71.6	72.3	71.3	74.3	73.1	74.7	75.1	75.3	75.5	75.7	75.5	75.3	74.1
12	75.3	74.4	73.9	73.3	73.7	72.9	73.1	72.3	72.3	72.4	72.5	71.9	71.3	70.5	70.1	73.3	75.2	76.5	76.3	76.6	77.0	77.3	77.3	77.3	74.0
13	77.7	76.5	75.7	76.3	75.2	75.2	75.0	74.3	74.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	73.9	73.5	73.1	72.7	72.7	73.5	75.8	77.3	77.3	77.1	77.8	77.4	77.6	77.3	77.9	75.6
15	77.6	77.7	77.4	77.1	76.6	76.6	76.7	76.8	76.8	76.2	76.1	75.9	75.8	75.0	75.1	76.3	77.5	77.9	78.8	79.3	79.3	78.0	77.7	77.6	77.0
16	77.3	77.1	77.1	77.1	77.0	76.6	76.2	76.1	75.5	75.4	75.3	74.9	74.6	74.3	74.3	77.3	78.0	77.2	77.7	77.9	78.2	78.5	78.3	77.7	76.7
17	77.5	77.0	76.8	76.1	75.6	75.2	75.0	74.8	74.5	74.7	75.0	74.6	74.2	73.5	73.5	76.1	77.3	77.3	78.3	78.7	79.0	79.3	78.5	78.3	76.3
18	78.3	77.5	77.1	77.2	77.1	76.3	76.3	75.5	75.5	75.9	76.3	74.0	71.8	71.9	73.3	74.1	76.7	76.3	77.1	75.8	76.0	76.7	77.3	76.6	75.8
19	76.8	76.3	76.8	75.5	75.3	75.3	75.0	75.2	76.1	75.9	75.7	75.9	76.1	75.3	76.6	73.2	76.3	77.0	76.8	77.0	78.3	78.3	76.7	76.5	76.1
20	76.3	76.1	75.2	75.3	75.4	75.4	75.4	76.0	76.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	74.3	74.5	74.2	73.9	73.9	74.8	77.3	78.3	78.5	79.1	80.4	81.1	80.5	80.3	79.5	76.8
22	79.3	78.4	79.4	78.3	77.6	77.5	77.7	77.8	77.3	76.3	76.3	76.3	76.8	76.1	76.8	78.3	79.8	78.3	79.3	79.3	79.5	79.3	79.5	79.0	78.0
23	78.4	78.2	78.2	78.2	78.1	77.4	77.4	77.3	77.0	77.0	76.9	76.5	76.1	76.3	77.5	78.8	79.1	79.1	77.3	78.1	77.3	76.3	76.1	76.3	77.4
24	76.4	76.1	75.8	75.9	76.3	76.4	77.0	76.9	77.3	77.2	77.1	75.8	74.5	73.7	75.7	76.8	78.3	79.3	80.8	80.9	80.3	80.4	79.3	79.3	77.4
25	79.5	78.6	77.7	78.1	78.2	78.0	78.1	78.3	77.6	77.8	78.0	77.3	76.5	76.3	76.3	77.6	78.3	78.5	78.3	74.3	74.4	77.1	80.1	79.4	77.7
26	79.3	79.5	78.5	78.2	78.3	78.1	79.3	78.8	79.4	79.1	78.7	78.4	78.1	78.1	78.3	80.1	80.3	80.3	80.5	81.2	81.3	81.3	80.1	80.3	79.4
27	79.4	79.0	79.1	79.2	78.8	78.8	78.9	79.4	80.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	78.3	78.3	77.8	77.3	76.5	77.7	80.6	79.4	79.3	79.8	79.9	79.7	80.1	79.5	79.3	79.0
29	78.3	78.9	79.1	78.2	78.3	78.4	78.4	78.0	78.3	77.8	77.3	76.8	76.3	75.5	77.8	79.4	79.3	79.3	79.4	80.2	80.5	80.1	79.7	79.3	78.5
30	79.0	78.5	78.3	77.5	77.7	77.7	77.7	78.3	78.3	77.9	77.5	76.9	76.3	74.5	75.6	77.8	78.1	77.3	78.3	79.1	79.3	79.3	78.7	78.5	77.9
31	78.3	78.1	77.8	77.5	77.2	77.3	77.2	76.3	77.2	76.1	74.9	74.6	74.3	74.3	75.7	77.3	79.0	73.1	75.3	80.8	81.6	80.3	80.6	80.5	77.7
Means.	77.0	76.8	78.3	76.0	75.3	75.6	75.6	75.2	75.1	74.7	74.3	73.9	73.4	73.1	73.5	75.8	76.3	76.9	77.3	77.6	77.9	78.0	77.8	77.5	75.9

APRIL 1852.

Day	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
1	79.9	79.8	79.3	79.1	79.2	78.8	78.4	77.7	77.3	76.9	76.6	76.7	76.8	76.3	77.3	78.6	78.1	79.4	78.1	79.5	80.3	79.5	79.5	78.3	78.5
2	78.3	76.8	78.3	76.3	76.6	76.6	76.5	76.3	76.3	75.9	75.6	75.4	75.3	75.0	75.8	77.3	78.3	78.7	78.3	78.7	79.3	78.5	78.5	77.5	77.0
3	77.3	76.8	76.4	76.2	75.8	75.3	75.3	75.3	74.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	77.1	77.3	77.5	77.8	78.3	79.0	79.3	79.7	78.3	78.5	80.1	79.5	79.5	79.1	78.5	77.7
5	78.3	78.0	77.2	77.2	77.2	76.9	76.7	76.5	76.3	76.5	76.8	76.5	76.3	76.0	76.7	77.3	77.8	78.3	77.3	77.7	77.3	78.1	76.7	76.7	77.1
6	76.3	76.3	76.1	75.4	75.8	75.5	75.4	75.3	74.9	74.6	74.3	73.9	73.5	72.8	73.7	75.5	77.5	79.1	79.3	79.3	78.3	78.3	78.3	78.1	76.1
7	75.1	78.8	78.3	77.7	77.3	78.9	76.8	76.4	75.4	74.8	74.3	74.1	74.0	73.9	76.3	77.9	78.3	78.3	79.9	80.3	79.7	79.7	79.3	77.3	77.2
8	77.5	77.4	77.4	77.3	78.3	78.2	77.9	77.3	76.8	76.5	78.3	75.9	75.5	75.3	76.3	78.0	79.3	79.1	81.8	80.5	80.5	80.3	80.5	80.3	78.1
9	80.1	79.5	79.3	78.3	79.5	79.7	79.9	78.3	78.6	78.2	77.9	77.6	77.3	77.3	78.3	80.3	80.8	81.3	80.3	81.8	81.9	81.3	80.8	81.3	79.7
10	80.7	80.5	80.1	80.1	78.8	79.4	78.8	78.0	78.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	74.6	74.5	74.4	74.3	75.3	76.6	77.3	78.1	78.3	79.4	80.0	78.1	77.7	77.3	77.3	77.9
12	77.3	78.3	76.4	76.6	76.4	76.2	76.0	75.3	75.3	75.0	74.8	74.5	74.3	73.5	75.5	77.3	77.2	77.8	78.3	78.3	78.1	77.3	77.5	77.5	76.4
13	76.3	75.9	75.9	75.2	75.3	75.1	74.6	74.3	74.3	74.0	73.8	73.1	72.5	72.3	73.8	76.5	78.5	78.3	77.3	77.3	78.1	77.5	77.3	77.3	75.8
14	77.3	77.0	76.4	76.2	76.2	76.3	75.5	75.3	75.3	74.9	74.5	74.1	73.8	73.2	74.8	75.8	78.3	78.3	77.7	77.3	78.7	78.3	77.3	77.3	76.2
15	76.7	76.7	76.7	76.5	76.5	76.3	76.5	76.8	76.0	75.1	74.3	74.0	73.8	73.3	74.5	76.9	77.7	78.3	77.3	78.5	77.7	77.3	77.7	78.8	76.4
16	77.3	77.4	77.2	77.2	77.4	76.4	75.4	76.3	75.6	75.3	75.0	74.4	73.8	73.3	75.8	77.3	77.7	77.6	78.1	77.7	77.7	77.3	77.8	77.7	76.5
17	77.1	76.8	76.5	76.5	76.1	76.1	78.2	75.5	75.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	75.3	75.3	75.3	75.8	75.1	76.7	78.3	79.0	79.3	77.3	80.5	80.5	80.5	81.3	80.6	77.4
19	79.5	79.2	79.2	79.0	78.9	78.0	78.1	77.5	77.3	76.4	75.5	75.5	75.6	76.1	76.6	78.3	79.8	79.3	78.3	81.1	81.4	81.3	80.5	79.5	78.4
20	79.1	79.3	79.7	80.2	80.3	78.9	79.5	79.3	79.3	79.5	79.8	80.0	80.3	79.8	79.3	78.5	79.5	79.8	79.7	79.3	80.1	80.1	79.7	79.7	79.7
21	80.3	80.7	81.2	80.8	81.5	81.3	81.3	81.0	80.8	80.0	79.2	78.5	77.8	77.1	77.8	78.5	80.1	80.5	79.9	82.6	82.3	81.8	81.3	80.3	80.3
22	79.9	79.3	78.5	78.9	78.8	78.8	78.7	78.3	78.3	77.9	77.5	78.6	79.8	79.3	80.1	80.4	80.7	82.0	81.3	81.3	81.5	80.7	80.1	80.3	79.6
23	80.7	80.7	80.8	81.0	81.0	81.0	80.7	80.4	80.3	80.0	79.8	78.3	78.8	78.3	78.5	80.3	81.8	81.8	81.7	81.3	81.7	81.3	81.3	81.5	80.6
24	80.5	80.5	80.4	80.5	80.4	80.3	80.1	79.7	79.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	80.1	79.8	79.4	79.1	78.8	79.3	81.0	81.3	81.7	81.7	81.7	82.1	80.5	82.3	81.6	80.5
26	81.8	80.5	80.5	80.5	80.6	80.2	80.2	79.8	80.4	80.1	79.8	78.4	79.1	78.8	79.5	80.9	80.7	81.6	81.5	82.1	81.7	82.3	81.3	81.3	80.6
27	80.7	80.4	80.1	79.9	78.9	79.7	79.6	79.3	79.3	78.8	78.3	78.2	78.1	77.3	79.8	80.7	80.4	80.3	81.1	81.3	81.5	82.3	81.7	81.1	80.0
28	80.3	79.8	79.7	79.3	79.6	79.2	79.2	79.3	79.3	79.1	79.0	78.8	78.7	78.3	78.5	79.9	80.3	78.8	80.3	80.3	80.1	80.3	79.9	80.1	79.5
29	80.1	79.9	79.8	78.5	79.6	79.7	79.7	79.4	79.3	78.8	76.4	77.8	77.3	77.5	79.0	79.8	80.5	80.8	80.5	81.1	80.7	81.3	81.7	81.1	79.7
30	78.9	80.3	79.8	79.3	79.8	79.8	79.9	80.3	80.1	79.9	79.7	79.4	79.2	78.5	79.5	79.5	80.1	80.9	80.8	81.6	80.3	79.6	78.6	79.0	79.8
Means.	78.9	78.8	78.4	78.3	78.4	78.1	78.0	77.7	77.5	77.1	76.9	76.6	76.6	76.2	77.2	78.8	79.3	79.5	79.5	80.0	80.0	79.7	79.5	79.2	78.3

* The Numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
MAY 1852.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
1	79·8	80·1	80·1	80·2	81·1	80·3	80·1	80·3	79·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	77·3	77·8	77·3	77·4	77·3	77·6	76·3	77·4	78·8	79·8	78·8	78·3	79·8	79·3	80·0	78·9
3	80·8	80·0	79·2	79·4	80·1	79·6	79·6	79·5	77·3	77·3	77·8	77·1	77·0	75·8	77·5	78·1	79·5	80·9	81·8	81·8	81·3	81·3	80·8	80·5	79·3
4	76·8	77·9	78·1	78·2	77·1	76·3	76·3	76·3	76·3	76·4	76·5	76·4	76·3	76·0	75·5	77·3	78·3	79·1	80·3	79·8	80·8	80·3	80·0	80·8	77·8
5	79·5	79·4	79·4	79·2	79·2	79·2	78·3	77·8	77·3	77·1	77·0	75·9	76·8	77·0	78·3	79·5	79·5	80·3	80·6	81·8	82·0	82·3	81·3	80·5	79·2
6	80·5	80·1	79·8	78·8	80·2	80·7	80·3	79·8	79·1	78·8	78·6	78·4	78·3	77·7	77·4	79·1	80·1	80·5	82·1	82·2	82·5	82·8	80·6	81·3	80·0
7	81·3	81·1	80·8	80·7	81·2	78·8	77·2	77·3	77·3	77·3	77·3	76·8	76·4	76·1	75·5	77·8	78·8	78·3	78·8	80·5	80·8	79·5	79·5	79·1	78·7
8	79·3	79·8	80·1	80·0	80·8	80·2	80·3	80·3	80·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	79·2	79·2	79·2	78·8	79·8	76·8	78·9	78·8	79·8	79·1	80·8	82·8	82·7	82·4	82·3	80·1
10	82·4	82·3	81·9	81·4	80·5	78·3	77·8	77·3	76·8	77·1	77·5	77·4	77·3	75·5	73·2	74·1	74·5	77·3	78·9	77·8	78·3	80·8	82·0	81·8	78·4
11	80·4	79·8	80·2	81·2	81·4	79·8	79·5	78·3	77·7	77·5	77·3	77·3	77·3	77·1	77·8	78·4	78·3	79·0	79·8	79·8	81·8	81·5	82·3	74·7	79·1
12	73·5	76·6	76·1	76·7	78·3	74·5	75·1	74·3	74·3	74·4	74·5	74·4	74·3	74·0	75·1	77·3	77·3	78·3	80·3	80·8	82·8	80·8	80·6	81·3	76·8
13	81·1	81·5	81·4	81·4	81·3	81·0	80·8	80·3	79·3	78·9	78·6	78·4	78·3	77·9	78·8	78·5	79·1	80·5	80·8	81·8	81·4	83·3	81·8	81·3	80·3
14	79·1	81·1	81·6	82·0	82·1	81·5	81·3	80·8	80·3	79·0	79·5	79·4	79·3	78·5	78·5	78·5	79·3	80·1	80·8	81·9	82·8	83·8	82·4	82·0	80·7
15	82·3	82·0	81·8	81·6	81·3	80·3	74·3	75·5	75·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	76·8	76·6	76·4	76·3	76·0	76·1	77·8	78·3	79·2	80·3	81·3	81·9	81·3	80·8	80·5	78·9
17	80·9	80·4	81·3	81·4	81·3	81·0	81·0	80·5	80·1	79·8	79·5	79·4	79·8	79·8	80·5	80·9	80·5	80·8	80·3	79·6	80·5	82·8	82·3	82·1	80·6
18	82·8	82·1	81·5	81·7	81·4	81·4	81·1	80·5	79·9	79·6	79·3	78·9	78·6	78·3	77·5	78·8	79·3	80·3	80·3	80·1	80·8	82·3	82·6	83·8	80·5
19	82·6	81·1	80·2	79·2	78·8	81·3	80·9	80·3	79·5	79·4	79·8	79·3	79·3	79·1	80·8	80·5	80·9	81·3	81·6	81·3	80·5	84·0	83·5	82·8	80·7
20	83·7	82·5	82·3	82·5	81·8	81·2	81·2	80·3	80.1	79·8	78·5	78·9	78·3	77·5	77·3	78·7	79·3	80·0	79·5	80·5	83·3	82·5	82·8	81·3	80·6
21	79·8	77·3	76·7	77·3	77·3	81·3	79·3	77·3	77·3	77·1	76·9	76·6	75·4	76·0	76·3	76·1	77·0	78·8	79·8	79·8	80·0	82·8	81·3	75·8	78·0
22	76·3	75·9	76·3	77·3	75·7	75·7	74·3	73·8	73·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	78·8	78·3	77·3	77·8	77·8	78·5	80·3	79·8	79·6	79·8	82·7	82·3	83·3	82·3	81·8	78·3
24	82·8	82·0	81·2	31·1	81·3	81·5	81·3	80·3	79·3	79·4	79·6	79·4	79·8	78·3	78·8	79·4	80·8	80·8	81·6	83·3	83·5	83·4	83·1	82·0	81·0
25	81·4	80·1	75·7	80·3	81·1	80·2	81·8	81·0	78·3	78·3	78·3	77·0	77·5	77·3	77·6	78·8	79·3	79·4	79·1	79·2	82·8	83·8	82·8	82·9	79·9
26	82·2	81·8	81·6	81·8	81·5	81·3	81·3	81·3	81·3	80·9	80·5	79·4	78·4	75·5	76·8	78·2	78·6	79·3	79·3	79·9	81·5	81·8	81·6	80·8	80·3
27	81·2	81·0	80·4	80·2	80·7	80·8	81·0	80·0	79·5	79·4	79·8	79·0	78·8	78·4	78·7	78·7	79·5	80·1	81·8	81.3	83·6	88·8	82·8	82·8	80·6
28	81·8	80·8	78·2	78·5	78·7	81·4	80·7	79·7	79·3	78·8	78·3	77·9	77·5	77·3	78·8	79·9	79·2	79·9	79·9	80·4	81·9	82·3	81·8	75·8	79·7
29	80·3	77·8	77·1	76·7	77·1	77·1	77·5	76·5	75·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	76·7	76·3	75·9	75·5	76·8	75·5	76·7	77·5	77·3	78·8	80·8	81·3	81·3	81·3	81·0	77·3
31	80·5	80.5	80·6	81·3	81·6	81·0	80·8	80·1	79·3	78·9	78·6	78·4	78·3	78·1	79·8	80·8	80·9	82·5	83·1	83·8	82·5	82·0	81·3	81·3	80·6
Means.	80·4	80·2	79·9	80·0	80·1	79·8	79·3	78·8	78·2	78·3	78·1	77·9	77·6	77·2	77·5	78·4	78·9	79·6	80·2	80·7	81·6	82·0	81·6	80.9	79·5
JUNE 1852.																									
1	81·6	81·6	81·3	81·3	81·2	80·4	80·5	80·3	79·7	78·4	79·1	79·2	79·3	79·1	79·3	80·5	81·3	81·3	81·6	81·5	81·7	81·3	81·7	81·3	80·6
2	81·8	81·0	80·1	80·0	80·1	80·2	80·5	80·7	80·3	79·9	79·5	79·4	78·8	79·1	80·3	80·8	81·3	82·1	82·3	83·1	83·3	83·3	83·1	83·3	81·0
3	82·4	82·1	80·5	80·4	81·2	81·2	80·6	80·3	80·3	79·8	78·3	78·2	78·1	77·7	79·8	80·6	81·1	80·7	82·0	82·8	83·1	82·8	82·3	82·3	80·7
4	82.0	81·5	83·2	82·1	82·0	82·1	82·1	81·5	81·3	80·8	80·3	79·8	79·8	78·8	80·3	79·3	80·0	79·3	79·8	79·3	79·5	79·9	80·4	80·6	80·6
5	80·8	81·3	81·5	82·1	82·1	81·7	81·2	80·3	79·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	79·1	78·5	77·9	77·8	78·3	78·3	78·3	78·5	79·3	79·8	80·4	81·3	82·0	81·7	81·5	80·1
7	82·1	82·3	83·2	82·5	82·1	82·0	81·7	79·3	80·8	80·6	80·5	79·4	78·3	78·1	78·0	78·8	79·1	79·5	80·3	81·4	81·7	82·3	82·5	82·8	80·8
8	80·7	81·6	82·3	82·5	82·1	82·1	81·4	81·0	80·7	79·5	78·3	78·2	78·1	77·9	79·8	78·3	78·5	79·1	80·3	80·7	81·8	82·3	82·6	81·7	80·4
9	81·6	81·3	81·8	82·5	81·9	81·9	81·1	81·3	80·8	78·5	78·5	78·3	78·2	75·7	77·8	80·8	79·2	79·3	80·4	80·3	81·8	82·2	81·7	81·8	80·4
10	80·9	80·8	80·6	81·2	81·1	80·1	80·5	80·7	80·8	79·9	79·5	78·4	77·8	75·1	77·4	77·8	79·3	78·3	80·0	80·2	79·8	81·3	80·6	80·3	79·7
11	80·3	80·3	79·8	79·3	79·3	80·5	80·3	80·5	79·5	78·0	76·5	76·5	76·5	76·6	77·8	78·5	77·8	77·3	78·3	79·0	79·8	81·3	80·5	80·3	73·9
12	80·3	79·8	79·3	80·9	80·9	80·9	81·3	81·1	80·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	80·5	80·1	79·7	79·3	77·3	78·7	80·3	80·0	80·3	80·5	81·4	81·3	82·5	82·3	80·7	80·4
14	80·3	80·3	80·5	80·9	81·0	81·3	80·3	80·5	79·3	78·3	77·3	77·8	78·3	78·5	78·5	79·8	80·8	78·3	78·5	78·7	79·3	80·3	80·8	80·1	79·5
15	78·7	76.4	75·6	78·2	79·2	79·5	80·5	81·0	80·3	78·3	75·3	75·0	75·7	74·3	74·1	75·8	70·0	77·3	77·6	78·3	79·0	79·4	79·3	79·0	77·8
16	78·7	80·3	80·3	80·1	80·0	80·3	80·0	79·3	79·3	77·9	76·5	76·0	75·5	75·8	76·4	78·5	78·3	77·5	77·8	78·8	78·3	78·6	79·3	78·3	78·4
17	77·6	76·5	76·6	77·5	77·5	78·8	78·3	79·6	78·8	76·5	74·8	74·2	74·1	73·5	74·9	76·2	76·3	77·5	78·1	78·3	79·7	79·3	79·8	79·0	77·1
18	79·4	78·3	76·5	75·8	75·6	75·4	76·5	75·3	76·1	75·7	75·3	75·3	75·3	76·1	76·3	77·6	78·8	79·3	80·0	80·4	80.3	80·3	79·8	80·0	77·5
19	80·3	79·8	80·4	75·0	74·9	76·5	77·1	77·6	77·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	76·3	76·3	76·3	76·3	75·9	76·8	78·3	78·7	78·1	78·6	80·0	80·7	80·3	80·5	80·3	78·0
21	79·4	79·8	78·3	76·1	75·5	76·3	76·0	75·8	75·8	75·3	75·8	75·2	75·1	74·7	75·6	75·5	77·2	76·6	77·3	77·9	78·4	78·3	78·1	78·3	76·8
22	77·8	77·3	76·6	76·7	77·8	76·3	75·3	75·7	75·3	74·3	74·8	74·3	74·3	75·8	75·0	75·1	77·0	77·9	78·3	78·7	79·3	79·7	80·0	79·3	76·7
23	78·7	77·2	78·3	80·5	79·5	80·3	80·5	80·3	80·0	76·8	73·7	73·5	73·3	78·8	74·1	75·6	76·0	76·2	76·3	76·3	76·3	77·3	76·9	76·8	77·0
24	77·8	76·4	76·7	75·0	74·9	74·9	74·5	74·8	75·0	74·6	74·3	74·2	74·1	73·7	73·5	74·5	75·8	75·1	75·8	76·2	76·7	77·3	78·1	78·8	75·5
25	78·3	76·8	76·3	78·1	79·1	79·0	79·3	78·5	78·3	78·8	78·3	77·2	76·1	73·5	73.8	75·0	75·2	74·5	76·0	76·3	75·3	76·6	76·7	77·3	76·9
26	77·6	77·6	77·6	78·1	77·7	78·3	78·3	78·3	78·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	77·4	76·8	75·2	74·1	78·5	74·3	75·3	74·9	75·7	76·3	77·3	77·3	78·3	78·7	78·2	76·9
28	77·4	79·3	77·8	79·5	79·1	79·3	78·8	77·3	75·8	74·5	73·3	78·8	78·3	78·1	73·5	74·1	75·3	75·5	76·3	77·3	78·4	78·3	79·3	78·8	76·6
29	78·3	78·3	78·1	78·7	79·5	78·9	78·8	78·8	77·5	76·5	75·5	74·9	74·3	78·5	73·7	74·8	75·8	77·3	77·3	77·8	78·4	78·3	79·0	78·8	77·2
30	77·3	77·3	77·7	80·1	80·1	79·8	79·5	79·8	80·0	75·1	78·3	77·7	77·1	77·1	77·3	77·5	78·3	77·3	77·5	78·3	77·5	77·9	78·3	79·[illegible]	78·3
Means.	79·7	79·4	79·2	79·4	79·4	79·5	79·4	79·2	78·9	78·0	77·1	76·8	75·5	76·0	76·7	77·6	78·1	78·1	78·7	79·2	79·6	80·1	80·1	79·[illegible]	78·6

* The Numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
JULY 1852.	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
1	78.5	79.0	80.2	80.4	77.7	77.3	76.9	76.8	70.6	76.4	76.3	76.7	77.0	78.1	77.5	76.8	77.4	78.0	78.9	77.9	78.7	78.7	77.7	80.1	77.9
2	78.9	79.3	80.1	80.4	79.9	79.8	79.5	79.3	79.3	78.8	73.4	77.9	77.3	75.3	75.8	75.5	76.1	76.0	75.7	70.5	77.3	77.3	78.1	77.7	77.9
3	79.7	78.5	73.5	78.6	79.8	79.6	79.3	79.3	79.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	78.5	78.5	78.5	78.5	77.3	76.6	78.3	79.4	78.8	77.7	78.5	78.7	78.7	80.3	80.3	78.8
5	79.3	78.9	79.3	79.4	79.3	79.3	78.5	78.3	78.3	77.8	77.3	76.7	76.1	74.6	75.5	77.5	77.1	77.7	78.3	79.3	78.3	79.0	79.8	79.3	78.2
6	79.7	79.6	79.0	78.3	70.6	76.3	76.3	76.8	76.9	76.6	76.3	75.9	75.5	74.3	74.5	75.5	76.5	76.8	79.3	77.3	77.7	77.3	78.3	76.1	77.0
7	76.5	76.8	77.7	78.3	78.8	78.2	78.4	78.0	76.5	75.6	74.3	74.1	73.8	72.3	73.3	74.1	74.3	75.1	75.3	75.5	75.3	76.1	70.7	77.3	75.9
8	78.3	78.6	77.5	77.8	77.8	77.2	77.3	77.3	76.3	75.8	75.3	74.7	74.1	73.5	73.6	74.8	75.0	76.3	76.7	78.2	78.8	73.1	78.8	79.3	76.7
9	80.8	80.0	79.4	74.4	74.2	74.9	75.3	75.8	75.3	74.5	73.8	75.5	77.1	77.1	77.3	77.8	77.1	78.3	79.0	79.5	80.0	80.3	81.3	81.[illegible]	77.5
10	80.9	80.5	80.4	80.8	80.3	80.5	80.3	80.1	79.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	75.6	75.5	75.4	75.3	75.8	77.3	79.1	80.3	78.7	80.8	80.2	81.6	81.7	81.3	82.5	79.3
12	32.1	81.5	31.4	81.4	80.8	81.0	80.3	80.3	79.7	79.5	79.8	79.0	78.7	77.3	78.4	79.8	80.3	79.5	79.1	79.2	81.2	82.3	82.5	81.3	80.2
13	81.5	82.1	81.0	81.8	76.6	77.3	77.4	77.3	76.8	76.9	77.0	77.2	77.3	77.0	76.8	77.4	78.8	77.5	77.7	77.7	78.3	79.1	79.5	79.5	78.4
14	73.3	80.4	80.3	80.8	81.2	81.0	80.7	80.1	79.3	70.0	78.8	79.4	80.6	80.3	80.3	80.7	80.6	80.0	79.7	79.3	31.7	82.1	82.0	82.3	80.4
15	81.7	81.5	81.6	81.7	81.3	81.1	80.9	80.4	79.3	78.9	78.5	78.4	78.8	77.5	78.3	79.6	80.1	75.3	78.3	81.5	81.7	81.3	80.3	81.3	80.1
16	81.1	81.4	81.2	80.3	80.9	81.2	80.4	79.3	79.8	70.0	78.7	78.7	78.7	78.9	79.5	80.3	81.5	80.3	81.0	80.8	80.3	80.5	82.1	81.8	30.3
17	82.0	81.1	80.7	81.0	80.8	80.9	80.1	79.5	79.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	81.0	80.3	80.6	80.3	79.3	79.7	80.3	80.7	79.8	30.5	81.9	81.5	81.1	81.1	81.5	80.6
19	80.5	81.3	80.2	79.5	79.6	79.5	79.7	79.3	79.9	80.0	80.1	78.7	79.3	78.5	79.0	80.8	80.8	80.3	80.3	80.9	80.3	80.3	81.3	81.7	80.1
20	81.1	80.4	80.3	80.4	80.3	80.1	79.8	79.3	79.3	79.9	80.5	80.2	79.8	70.3	75.8	76.8	77.4	73.8	78.9	79.5	80.5	81.1	80.5	80.3	79.5
21	30.9	81.1	79.7	80.0	80.3	80.3	73.4	78.8	77.8	77.3	77.3	77.2	77.0	77.0	77.3	79.3	79.1	79.2	78.3	76.3	75.5	75.3	74.3	75.3	78.1
22	76.5	77.9	77.3	76.8	76.7	76.5	76.5	76.7	78.3	76.2	70.1	76.5	76.8	76.5	76.3	76.5	77.8	77.8	77.5	77.7	78.5	80.3	79.9	81.1	77.4
23	79.7	80.4	80.2	80.0	80.0	80.0	79.7	79.5	78.7	78.4	78.2	77.8	77.8	77.3	77.3	77.3	77.7	77.9	77.7	78.1	80.3	79.9	79.5	79.7	78.9
24	80.5	80.8	80.3	80.4	80.7	80.8	80.3	80.1	79.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	78.9	78.3	73.7	78.6	77.8	78.8	79.4	80.8	79.4	79.7	78.3	79.5	78.7	79.9	79.3	79.5
26	79.3	79.8	79.3	77.3	77.4	77.8	77.0	76.3	76.3	76.4	76.5	76.9	77.3	76.3	76.8	77.4	77.3	73.1	77.5	79.1	78.3	78.8	78.7	79.3	77.7
27	73.5	79.6	80.1	80.4	79.4	79.3	78.4	77.9	77.8	76.6	76.0	76.2	76.3	76.2	76.3	77.1	78.3	73.0	77.1	78.3	79.1	79.5	78.9	78.7	78.1
28	78.1	77.2	78.5	77.7	77.2	77.4	77.3	77.8	76.5	76.4	76.3	76.8	77.3	75.8	75.2	76.0	76.3	76.8	70.9	77.5	78.3	78.3	79.5	79.8	77.2
29	80.3	78.9	76.8	76.3	76.5	76.8	76.3	76.5	76.4	76.2	76.1	76.3	76.5	76.8	76.3	76.7	77.8	77.8	77.1	77.7	77.3	77.9	78.7	78.3	77.1
30	78.5	78.6	78.7	78.3	78.3	77.4	76.8	76.8	70.0	75.7	75.5	75.4	75.8	75.3	75.5	75.3	76.0	78.1	77.5	78.3	78.1	78.9	79.3	77.5	77.1
Means.	79.7	79.9	79.6	79.8	79.0	78.8	78.5	73.3	77.9	77.5	77.3	77.3	77.3	76.6	76.8	77.6	78.3	78.2	78.3	78.7	79.2	79.3	79.7	79.7	78.5
AUGUST 1852.										*		*													
July 31st.	78.1	78.3	73.5	78.0	77.8	77.3	76.6	76.3	76.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	75.3	74.3	74.4	74.5	73.8	72.5	78.3	74.1	74.7	75.8	77.3	70.8	77.6	77.7	77.8	76.1
2	77.5	78.2	74.5	70.1	76.1	76.3	70.3	75.9	75.3	75.3	75.8	75.4	75.5	75.0	72.9	74.8	74.5	75.3	75.8	75.3	76.6	77.1	77.8	78.3	75.9
3	78.8	78.3	77.8	76.1	75.6	76.3	77.8	77.1	76.7	76.5	76.8	76.2	76.1	75.5	75.3	75.2	75.8	76.1	76.7	77.5	77.5	78.3	78.7	78.8	76.3
4	77.9	78.8	74.5	76.5	76.5	77.3	77.5	77.2	76.3	70.5	76.3	76.3	76.3	75.8	74.8	75.0	75.8	76.0	76.3	77.3	77.3	77.7	78.5	78.9	78.7
5	78.7	80.3	79.3	81.3	80.3	78.3	73.1	78.8	78.3	77.6	77.0	76.7	76.3	78.1	75.8	75.8	76.3	76.9	78.1	78.3	79.7	81.5	79.5	80.3	78.3
6	80.7	81.9	81.6	80.3	79.7	78.3	78.3	78.5	78.3	78.2	78.1	77.8	77.5	77.3	77.5	78.1	78.4	79.0	78.3	79.0	78.8	78.8	79.3	79.8	78.9
7	79.3	79.1	78.9	75.3	79.5	80.3	79.3	79.3	79.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	78.6	78.3	78.0	77.7	77.3	76.3	77.3	77.3	77.9	79.3	79.8	80.8	80.8	80.5	81.2	79.0
9	81.8	78.4	78.4	79.8	79.1	78.1	80.1	78.4	70.1	77.5	76.0	75.9	75.7	75.3	75.1	75.3	76.3	76.7	77.5	79.1	79.3	78.5	73.8	78.3	77.9
10	79.8	80.3	80.3	70.8	80.2	79.2	78.4	70.3	75.9	75.9	76.0	75.7	75.8	75.0	74.8	76.3	75.9	76.7	77.8	77.5	77.3	78.3	79.3	78.8	77.5
11	78.3	79.3	77.2	77.5	77.2	76.7	76.5	76.3	76.3	76.0	75.8	75.6	75.4	74.7	73.7	75.1	74.7	75.5	76.3	77.3	75.5	77.5	73.3	78.1	76.5
12	77.1	76.3	75.5	75.1	74.6	74.5	73.7	73.3	73.3	73.5	73.8	72.9	72.0	73.0	72.1	73.3	74.5	74.9	76.3	78.6	77.3	76.8	78.5	77.8	74.8
13	76.8	77.4	76.6	76.9	76.5	76.1	75.9	75.9	74.3	74.4	74.5	74.4	74.8	73.9	73.3	74.5	75.7	76.4	76.8	77.8	78.1	77.3	77.3	77.7	75.9
14	77.5	77.1	76.8	77.1	77.3	76.3	75.5	75.3	74.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	75.6	75.5	76.4	75.8	74.0	74.3	75.3	75.9	76.3	76.8	78.3	78.0	77.3	77.5	78.8	76.4
16	79.1	78.5	78.7	79.6	79.8	80.7	79.7	78.3	75.3	75.4	75.5	75.4	75.8	75.0	74.3	75.1	75.9	76.3	77.3	77.0	77.1	78.0	79.5	78.8	77.3
17	78.8	75.8	77.2	76.5	76.5	75.9	75.5	70.3	76.1	75.7	75.4	75.2	75.0	75.3	74.4	74.5	75.5	76.3	76.8	75.3	77.5	77.3	78.3	77.5	76.4
18	78.3	80.2	78.8	79.2	78.6	78.3	78.3	78.7	75.3	75.3	75.3	74.9	74.4	74.3	75.3	75.5	76.1	76.5	76.8	77.3	73.5	77.3	77.8	78.5	76.9
19	77.0	77.5	76.8	77.2	77.4	77.8	75.3	76.3	75.7	75.5	75.3	75.3	75.3	75.6	75.5	75.8	75.0	76.6	77.3	77.3	77.8	78.5	77.9	78.9	76.5
20	77.3	77.3	77.5	77.2	77.1	77.3	77.3	76.5	75.8	75.3	75.4	75.2	75.0	74.5	74.1	74.5	75.3	75.6	75.9	70.5	76.5	70.0	77.0	77.0	78.1
21	76.5	76.0	75.3	75.4	75.7	70.3	70.1	75.3	75.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	75.4	75.8	75.2	75.1	75.3	75.0	74.5	74.7	75.1	76.3	76.8	77.3	77.9	78.5	73.1	75.9
23	78.3	78.0	78.3	79.0	78.7	78.6	79.1	78.8	78.3	78.1	77.9	77.8	77.6	77.3	74.5	76.1	76.3	75.5	75.8	76.1	77.3	78.8	80.1	75.5	77.7
24	79.6	70.0	77.5	78.0	78.2	78.3	73.1	78.3	77.7	77.5	77.3	77.0	76.7	76.6	77.0	78.8	78.9	79.3	78.8	77.4	79.3	80.6	80.8	80.0	78.3
25	80.0	75.3	78.6	78.5	73.4	78.5	78.5	77.3	78.3	75.6	75.0	75.2	75.3	74.7	75.3	70.3	78.5	79.3	79.0	80.5	81.3	80.8	79.8	80.2	78.0
26	80.1	79.8	79.4	79.7	79.2	78.5	78.3	77.9	77.1	76.3	76.5	76.4	76.3	75.7	76.5	78.7	78.9	79.1	80.3	80.8	80.3	80.9	80.3	80.5	78.7
27	80.3	79.6	78.5	78.7	78.7	78.5	78.6	78.1	77.5	77.1	76.8	76.8	70.7	76.8	77.3	78.8	78.9	73.5	78.5	79.8	80.3	80.3	80.3	80.5	78.6
28	79.5	79.3	79.4	79.3	79.2	79.2	79.3	78.7	77.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	75.5	75.3	75.1	74.8	74.5	76.3	75.5	76.1	76.3	73.3	78.2	77.6	78.3	78.8	78.5	77.5
30	78.1	78.3	78.0	78.2	78.7	78.3	77.3	78.1	77.5	76.4	75.4	75.2	74.9	74.5	74.5	75.7	76.5	77.3	77.3	77.8	77.5	77.8	78.3	79.0	77.1
31	77.9	77.2	70.3	76.6	70.6	76.7	76.3	76.1	76.1	75.9	75.7	75.5	75.3	75.6	75.5	75.3	76.7	76.8	77.5	78.3	78.6	79.6	80.8	78.8	78.9
Means.	78.6	78.6	77.8	78.0	77.9	77.7	77.5	77.1	76.5	76.2	75.9	75.7	75.5	75.3	74.9	75.6	76.3	76.7	77.3	77.8	78.2	78.5	78.8	78.7	77.1

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
SEPTEMBER 1852.																									
1	77·5	77·3	77·1	77·3	77·8	77·9	78·3	78·3	77·3	77·3	77·3	77·0	76·6	78·1	76·7	77·8	78·3	78·3	79·1	78·3	79·3	78·1	79·8	78·5	77·8
2	77·3	81·0	80·5	80·7	80·4	81·0	79·8	79·2	77·3	77·0	76·8	76·7	76·6	76·7	77·8	77·1	77·4	77·3	77·3	77·3	77·8	78·3	77·1	77·5	78·1
3	77·3	76·2	76·5	76·5	78·5	78·2	77·3	77·3	76·8	76·5	76·3	76·0	75·7	75·3	75·0	75·5	75·8	76·8	76·3	76·8	76·5	76·5	76·5	76·7	76·5
4	76·3	77·4	77·8	77·3	76·1	76·3	76·3	76·0	75·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	78·5	79·3	78·1	77·9	77·1	77·3	77·3	76·5	76·8	76·9	78·8	79·3	80·8	79·8	80·1	77·6
6	81·5	80·9	80·6	80·8	80·6	80·8	80·9	80·3	80·5	80·5	80·5	80·4	80·3	79·8	79·8	80·5	79·5	79·8	79·3	80·0	80·7	80·3	80·8	79·8	80·4
7	79·7	79·4	78·9	78·6	78·9	79·6	79·3	78·5	78·3	78·2	78·1	77·9	77·7	78·0	77·5	78·3	78·3	79·3	79·7	79·1	79·3	81·8	80·8	80·1	78·9
8	80·1	80·1	79·5	78·2	77·5	77·5	78·3	78·8	78·1	77·7	77·4	77·2	77·0	76·3	76·8	76·6	77·8	79·3	79·8	78·3	78·5	80·5	79·1	79·5	78·3
9	78·5	78·4	78·9	78·5	78·5	78·3	76·3	75·8	75·5	75·4	75·3	75·4	75·5	75·3	76·3	78·3	79·0	79·4	78·9	79·5	79·7	79·9	79·3	75·3	77·7
10	79·0	79·4	79·9	79·5	79·2	78·6	79·3	78·8	78·4	78·1	77·8	77·6	77·3	76·3	75·6	76·3	78·3	78·5	79·1	78·8	80·8	78·9	79·9	77·3	78·3
11	75·3	76·4	77·3	77·4	77·6	77·0	76·3	76·6	76·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	76·6	78·5	76·4	76·3	75·6	76·8	78·8	78·3	79·0	79·3	80·3	80·8	81·8	80·7	77·3	77·6
13	78·3	79·1	79·0	79·1	78·8	79·0	78·3	77·2	76·1	75·8	75·5	75·4	75·3	75·7	76·3	77·0	78·3	79·1	81·1	80·5	81·1	80·3	81·1	78·8	78·2
14	78·3	77·9	77·6	76·4	76·3	78·3	78·3	78·6	78·3	77·8	77·3	77·2	77·0	76·3	75·8	76·0	77·3	73·8	78·5	79·1	78·9	78·5	79·8	79·1	77·8
15	78·3	78·4	78·8	78·3	77·8	78·5	78·2	73·5	76·8	76·5	76·3	76·3	76·3	75·5	75·1	75·8	76·8	77·5	77·3	77·3	77·9	78·3	78·5	79·1	77·4
16	79·8	78·5	77·7	76·8	77·3	76·8	76·5	76·3	78·3	77·8	77·3	77·0	76·7	76·3	76·3	76·2	77·5	77·7	77·9	77·8	77·1	78·1	77·3	76·7	77·3
17	77·5	77·4	77·2	77·3	77·0	76·3	77·3	77·0	76·8	76·6	76·5	76·1	76·3	74·5	72·9	74·1	74·5	75·8	75·9	76·3	76·5	76·3	76·3	78·3	76·2
18	78·1	75·8	76·3	76·4	76·1	75·6	75·8	76·3	76·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	75·7	75·3	74·9	74·4	74·0	73·5	74·3	76·3	76·8	76·3	77·8	78·5	78·8	78·8	78·3	76·1
20	79·3	79·8	78·7	79·1	79·0	78·8	78·5	78·3	79·3	78·8	78·3	77·9	77·5	76·8	76·8	76·5	76·8	77·3	78·3	77·5	77·8	78·8	78·9	79·3	78·2
21	79·1	79·2	79·2	79·5	79·6	79·3	79·8	79·0	79·3	78·8	78·3	77·7	77·0	76·8	77·5	78·3	79·3	79·8	77·3	77·8	77·8	76·7	79·3	75·7	78·5
22	78·5	80·3	79·9	79·8	79·6	79·2	79·1	79·1	79·8	79·2	78·8	78·6	78·3	77·7	78·1	79·3	79·3	78·8	75·5	76·5	76·5	77·9	80·8	82·3	78·8
23	81·9	80·4	81·3	80·3	80·1	80·1	78·7	78·3	79·0	78·9	78·8	78·6	78·3	77·7	77·9	78·7	77·8	76·6	76·5	77·1	77·5	76·5	77·3	75·3	78·7
24	79·1	79·0	79·0	79·1	79·5	79·4	79·8	79·3	79·3	79·1	73·9	78·6	78·8	78·0	77·7	75·6	75·5	76·1	76·1	76·5	76·7	77·3	77·5	77·3	78·0
25	79·3	79·5	79·1	79·1	73·3	78·3	78·3	78·0	77·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	78·5	78·3	78·1	77·8	77·7	78·3	78·6	79·3	79·3	77·7	78·3	78·3	78·9	81·8	81·1	78·7
27	80·3	80·2	80·1	80·3	80·4	80·2	80·0	79·8	79·7	79·3	78·9	78·6	78·3	78·3	78·5	78·7	78·9	79·6	80·8	80·5	80·5	81·3	80·8	80·5	79·7
28	79·0	79·3	79·3	79·0	79·2	79·1	79·3	78·8	79·1	78·7	78·3	76·0	73·7	76·3	77·4	78·8	79·5	79·8	81·3	81·1	81·1	79·5	78·7	78·9	78·8
29	79·5	79·5	79·6	79·5	80·8	80·4	80·1	79·5	79·3	77·8	78·3	76·2	76·0	75·6	75·8	77·8	78·8	79·3	78·5	79·7	80·8	80·3	79·3	77·3	78·6
30	77·9	78·2	78·3	78·3	78·4	79·3	78·8	79·3	78·9	78·6	78·8	78·3	78·3	78·1	77·9	80·3	80·5	80·8	80·3	81·1	83·1	81·8	79·5	80·1	79·3
31																									
Means.	78·6	78·8	78·7	78·0	78·5	78·6	78·4	78·2	78·0	77·8	77·5	77·2	76·9	76·6	76·7	77·4	77·9	78·3	78·2	78·4	78·8	79·0	79·1	78·9	78·1
OCTOBER 1852.																									
1	79·3	78·8	79·1	79·1	79·1	79·1	79·1	78·5	78·3	78·5	78·7	78·8	78·8	78·3	77·3	78·3	79·5	79·6	80·5	80·3	81·1	81·3	81·3	80·8	79·3
2	79·9	78·9	79·0	79·4	79·5	79·1	78·3	77·8	77·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	76·9	76·7	76·5	76·3	76·3	77·5	78·3	78·5	78·5	79·8	79·3	79·5	79·7	79·3	78·4	78·3
4	77·7	77·2	76·5	76·5	76·8	76·1	75·8	75·3	74·5	74·4	74·3	74·3	74·3	74·8	75·5	76·3	77·4	77·2	77·7	78·3	78·3	78·7	78·3	78·8	78·4
5	77·6	77·3	76·8	77·1	76·6	76·7	76·4	76·3	75·7	76·0	76·3	76·4	76·5	75·8	75·5	77·9	77·9	77·5	77·8	78·3	78·8	77·9	78·3	78·3	77·1
6	76·5	76·7	75·4	75·8	76·1	75·9	78·2	75·5	76·3	76·1	76·0	75·8	75·5	75·3	74·5	75·3	78·3	76·5	76·3	77·8	76·0	76·3	74·5	74·8	75·8
7	74·3	74·8	73·2	74·3	74·8	73·3	73·7	72·9	73·7	78·0	73·3	73·6	73·8	74·5	73·9	74·3	74·4	75·8	76·1	77·0	77·6	77·8	77·8	76·9	74·6
8	76·8	77·5	77·8	77·7	78·1	77·3	76·5	76·3	76·5	76·4	76·3	76·0	75·6	75·8	75·1	75·5	76·8	77·0	7·53	74·5	74·8	74·3	74·8	74·6	76·0
9	74·3	73·5	74·0	74·2	74·5	75·5	75·3	75·3	75·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	77·5	77·3	77·1	76·8	76·3	76·0	75·3	76·8	78·3	78·7	79·3	79·6	79·9	79·3	79·8	76·8
11	77·8	77·3	77·8	77·5	78·1	78·4	78·1	78·3	77·5	77·3	77·2	77·3	77·3	77·3	77·3	79·1	79·8	80·7	80·5	79·9	80·3	81·1	81·3	80·8	78·6
12	80·3	79·8	79·2	78·9	79·2	78·9	78·4	77·3	77·6	77·4	77·3	76·8	78·3	76·3	77·1	78·3	79·3	78·3	79·3	79·8	80·3	80·1	80·4	79·9	78·6
13	79·8	79·4	79·3	78·6	78·4	78·5	78·1	78·1	77·5	77·4	77·3	77·6	77·9	78·1	78·8	78·7	79·2	80·1	80·8	80·3	81·3	81·1	81·0	80·5	79·0
14	79·7	79·3	78·6	78·5	78·2	78·3	77·9	77·3	77·1	77·2	77·3	77·2	77·1	77·5	77·8	78·5	79·3	79·3	79·3	78·9	80·8	80·3	81·8	81·3	78·6
15	81·6	80·2	80·2	80·2	79·5	79·2	78·6	78·8	77·9	78·1	78·8	78·8	78·3	78·7	78·3	78·3	79·8	80·8	81·3	81·6	81·8	78·3	76·5	78·3	79·3
16	78·3	78·8	77·8	76·5	76·8	77·0	78·8	77·1	76·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	75·1	75·2	75·8	75·8	75·9	76·1	76·3	77·3	78·3	78·7	79·5	80·5	80·0	80·8	79·3	77·4
18	79·3	79·8	79·4	79·1	79·8	78·5	78·5	79·3	78·1	77·7	77·8	77·3	77·3	77·7	78·1	78·6	77·8	78·3	77·1	77·6	77·8	75·3	76·5	77·3	78·0
19	77·3	77·2	76·8	77·3	77·3	78·3	77·5	77·5	77·8	77·2	77·1	77·2	77·3	77·7	77·8	76·9	78·1	79·8	79·7	80·3	79·4	70·9	79·3	77·3	78·0
20	75·4	75·8	74·1	74·6	75·6	74·8	73·8	74·3	74·8	78·7	78·1	72·2	71·3	71·3	70·5	71·1	71·0	71·4	71·5	71·7	71·6	71·5	71·3	72·0	72·8
21	71·9	72·2	72·3	72·4	72·6	72·3	72·1	72·3	72·1	72·0	72·0	72·3	72·5	78·8	75·1	76·5	76·8	76·7	79·0	79·9	80·8	80·5	80·7	79·3	74·9
22	78·8	79·4	79·1	79·5	79·5	79·5	78·3	77·3	77·3	75·8	74·3	75·3	76·8	74·8	75·3	77·5	78·3	79·4	79·8	80·8	80·1	80·3	80·5	79·8	78·1
23	79·3	79·8	79·4	79·3	79·6	79·2	79·2	78·5	78·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	78·5	78·3	78·1	77·8	77·3	76·9	78·1	78·3	79·0	79·3	80·1	80·5	80·8	79·9	79·8	78·9
25	78·4	78·7	78·7	78·7	78·4	78·5	78·5	78·3	78·3	78·2	78·1	77·1	76·0	76·0	76·5	77·9	78·5	79·7	80·3	80·5	79·7	80·0	80·5	79·8	78·5
26	79·0	78·4	78·3	78·5	78·2	78·0	77·7	77·8	77·3	77·5	77·8	77·6	77·3	77·0	77·3	78·7	78·5	80·3	80·0	80·3	80·5	80·7	80·6	80·3	78·7
27	79·5	78·7	78·3	78·8	78·2	77·7	77·5	77·1	76·5	76·4	76·8	76·5	75·6	77·3	77·3	79·1	79·1	78·3	78·8	79·4	79·9	79·8	79·3	79·0	78·1
28	78·5	78·4	77·4	77·5	77·2	76·9	76·7	76·1	75·5	75·3	75·1	75·2	75·3	75·8	78·8	77·3	78·3	79·1	79·3	79·0	78·8	78·9	78·8	78·3	77·3
29	77·7	77·3	77·0	76·6	76·6	76·5	76·5	76·3	76·3	76·5	78·7	76·5	76·3	76·1	76·1	77·3	78·3	78·9	78·5	78·3	78·8	78·8	78·3	77·9	77·2
30	77·3	78·3	78·2	78·1	77·8	77·7	77·0	77·3	77·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	75·5	75·7	75·9	76·0	75·8	76·3	76·7	76·3	76·5	76·5	76·8	75·3	76·5	77·5	77·1	76·8
Means.	77·9	77·7	77·4	77·5	77·5	77·3	77·0	76·8	76·5	78·4.	76·3	76·2	76·1	76·2	76·3	77·2	77·8	78·3	78·5	78·8	78·9	78·8	78·7	78·4	77·4

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily means.

WET THERMOMETER.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
NOVEMBER 1852.																									
1	76·7	78·0	78·3	76·1	76·1	76·0	76·3	76·3	76·3	75·6	74·9	74·7	74·5	74.8	74·7	75·3	76 0	77·3	77·5	78·1	77·7	76·3	76·5	76·3	76·1
2	76·1	75·5	75·2	74·5	74 6	74·3	74·8	74·7	74·3	74·8	74·3	74·3	74·3	73·5	74 0	74·1	74·5	75·1	75·5	77·0	77·3	76·9	76·5	76·0	75·1
3	76·2	75 4	75·0	75·2	74·3	74·8	74·5	74·8	74·6	74·4	74 3	73 8	73·6	72 3	73·5	74·1	74·4	74·5	77·1	77·7	77·7	77·4	76·8	76·7	·75·1
4	77 1	76·5	76·2	75·4	76·1	75·5	75·4	75·3	75·8	74·4	73·5	73·4	73 3	74 3	74·3	74·7	75·5	76·5	76 5	77·0	77·5	77·3	76 8	77·3	75·6
5	76·7	76·2	73·7	74·1	74·8	74·8	74·9	74·3	74·8	74·3	74·3	74·1	73·9	73·9	73·9	74·3	75·4	77·3	77 8	75·7	76·3	76·6	76·7	75·8	75·1
6	74·3	75·5	75·6	75·3	75·2	75·3	75·3	75 5	75·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	74·4	74·1	73·8	73·5	73·5	73·7	74 3	75·3	76·5	77·8	78·0	78·1	77·8	77·6	76·3	75·5
8	75 6	75·2	75·4	75·8	75·5	75 7	74 8	74 9	74·4	74·2	74·1	73·7	73·8	72·8	72 7	73 5	75·0	75·6	75·5	75·9	75·3	74·5	74·1	74·1	74 6
9	74·0	73·5	73·4	73·5	73·6	73 8	73·6	73·3	73·8	73·0	72·3	72·8	72 8	72·1	72·3	73 5	74·1	73·9	75·1	75·1	75·8	76 3	77·0	75·9	73·9
10	74·8	74·6	74·5	74·6	75 0	75·6	75·6	75·3	75·5	75·2	74·9	74·8	74·6	74·0	73·5	73 3	72 6	73·8	72·1	75 8	75·3	75·3	75·7	75·3	74·6
11	74.8	74·4	74 8	73·3	73·5	73 6	73 6	74·4	74·3	74·8	74·3	74·5	74·7	75·3	75 3	76·3	77·5	78·8	78·0	79·0	79·5	73·8	75·3	79 1	75·9
12	73 8	75·0	77·1	77·1	76·0	76 2	76·3	76·3	75·9	75·2	74·5	74·4	74·3	75·8	76·1	76·7	77·6	75·8	76·3	74·8	75·6	76 8	77·3	77·1	78·2
13	76·5	75 2	75·3	75·5	75·5	75·3	75·3	75 0	75·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	75·8	75·3	74·8	74·3	74·5	74·3	74·8	75 8	76·0	75·3	75·0	75.8	75·8	75·3	74·5	75·2
15	74·1	73·8	73·7	73 1	72·7	72·8	72·7	73·1	73·3	72 8	72·6	71·8	71·3	71·5	71·5	72 5	73·3	73·5	74 7	75·8	74·7	74·8	75·0	75·0	73·3
16	74·3	74·1	73·9	74·0	73·5	73·3	73·7	73·3	73·9	74·1	74·8	73 8	73·8	73 8	74·0	74 7	75·8	76·5	77·8	78·8	78 0	78·3	77·3	77·8	75·1
17	77·8	77·5	77·0	76·9	77·0	76·9	76 8	76·7	76·3	76.3	76 8	76·3	76·3	75·5	75·8	76·3	76·3	74·3	75·5	76·5	76·9	77·2	77·3	78·5	76·5
18	76·7	76·6	76·2	76·6	76·3	76·1	75·7	75·8	76 4	75·8	75·3	75 8	75·3	75·1	75·3	75 8	75·9	7·55	75·8	77 1	76·8	77·3	76·8	76 5	76·0
19	76 3	76·0	75·7	75·2	75·0	74·9	74·5	74·3	74 3	74·3	74·3	73·8	73 8	73·0	73·3	74·4	75·5	75·3	75·3	75·5	74·6	75·1	74 8	74·3	74·7
20	74·3	73·8	73·7	73·4	73·5	73·1	73·3	73·3	73·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	72·9	72 7	72·5	72·3	71·3	72·7	73·3	74·7	73·2	74·3	74·0	74 8	74·5	74·8	74·0	73 5
22	73·8	72·6	73·6	73·7	73·5	73·4	73·2	73·3	73·3	73·0	72.8	72·1	71·3	71·2	71·5	73·3	74·4	73·3	74·1	73 7	73·3	73·7	72·8	71 8	73·0
23	71 9	72·3	72·4	72·0	71·5	71 3	71·1	71·3	71·6	71·5	71·5	71·4	71·3	71·5	71·5	76·3	74·3	74·3	73·8	73 8	73 3	72·3	72·0	71 8	72·2
24	71 2	71 5	71.2	70·9	70·6	69 8	69·3	65·8	70·4	70·6	70·9	71·1	71 8	71·8	71·3	70·8	72·3	71·2	71·5	70 6	71 3	71·8	71·7	71·3	71·0
25	71·3	70·3	70 0	69·0	68·3	68·9	69·0	68·8	69·4	69.6	65·8	70·2	70·5	70·5	71·8	71·3	71·3	72 5	72 5	73 3	73·6	73·8	73·5	73·5	70·9
26	73·2	73·2	73·4	72·8	72 5	73·3	73·3	73·5	73 3	73·0	72·8	72·2	71·5	72,3	73·1	73·4	73·7	75·6	77·2	77 0	77·3	76·7	77·8	76 3	74·1
27	75·3	74·8	75 3	75·5	75·6	75·4	75·3	75·5	75·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	73.5	76·6	73·1	72 8	73·5	74·1	74 8	75·8	74·9	76 6	77·4	77·8	77 0	76·8	77·0	75·2
29	76·8	76·1	76·1	75·8	75·5	75·5	75·3	75 3	74·6	74 3	74·1	74 0	73·9	74·3	74·7	75·1	75·5	76·3	76·1	76·1	78·3	78.6	77·8	77·0	75·7
30	77·8	75 1	76·3	76·2	76·3	76·1	76 3	76·3	75·3	75·1	74·9	74·6	74·3	74·3	74·3	75·0	75·8	77·3	77·3	77·5	77·1	77·1	77·6	77·8	76·0
Means.	75·3	74·8	74·7	74·4	74·3	74 3	74.2	74·2	74·3	73·9	73·7	73·5	73·3	73·3	73·6	74·1	74·9	75·1	75·6	76.0	76·1	76·0	75·9	75·6	74·6
DECEMBER 1852.																									
1	76·3	75·7	75·4	76·4	76·1	76·8	76·1	76·3	75·1	74·7	74·3	74 6	74·8	74·1	74·8	75·3	75·6	76·1	75·5	75·3	75·3	74·3	74·5	74·3	75·3
2	74·1	74·1	74 0	76·1	75·5	75·7	75·3	75·3	75·8	75 2	75·1	74·6	74·0	76·3	72 3	71·8	71·5	72·3	72·5	73 7	73·5	72·3	72·5	72·5	73·9
3	72·9	72·3	72·4	72 3	72·3	72·0	71·9	71·8	72 8	73·0	73 3	73·3	73·3	73·5	73·7	73·6	74·3	74·7	75·3	76·7	75·3	76·8	76·1	76·3	73·7
4	76 3	75·7	75·8	76·5	76 8	76·8	76 8	76 5	76·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	75·0	74·8	74·7	74·5	74·3	74·8	76 3	77·8	78·3	78·5	77·9	79·3	76·9	78·9	78·3	76·6
6	77·5	76·8	76·8	76·5	75 7	75·4	75·8	76 0	76 3	76·0	75 6	75·6	75·3	75·5	74·9	75·6	76·5	77·4	77·5	78·8	78·3	79·1	78·7	77·3	76 6
7	77·3	78·8	76·8	77·0	76·9	77·1	76·8	76·8	76·8	76·3	76·8	76·2	76·1	76 3	76 3	77·2	78·0	78·1	78·1	78 1	77 3	76·3	75·5	76·3	76·8
8	76·5	76·4	76·2	76·4	78·1	76·1	76·0	75·0	74·3	74·3	74 3	74·4	74·5	74·3	74·1	75·8	74·6	75·3	74·5	74·5	74·5	74·3	73·9	74·3	75·0
9	73·7	73 6	73·4	74·1	74·5	74·6	74·8	74·5	74 1	74·2	71 6	74·8	74·8	74·1	73·9	74·5	75·5	76·3	76·9	76·3	75·3	75·1	73·7	74·1	74·6
10	74·7	74 5	74·6	75·2	75 0	74·6	74·6	74·8	74·3	74·6	74 3	73 9	73·5	73·8	73·1	73·5	74·6	75·8	76 3	75·9	75 8	75·5	75·3	75·1	·74·7
11	75·1	74·8	74 8	74·1	73·5	73·8	74·2	74·3	74·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	74 6	74·5	74·4	74 3	74·8	73·9	74 5	74·8	74·7	73·5	74·9	73·5	72·5	73·1	73·1	74·1
13	72 7	72·9	73·0	73·0	74·1	73·6	73·8	72·8	73·3	73 8	74·3	74·1	73·9	74·1	73 8	73·3	73·5	74·3	74·1	76·3	73·3	73·3	72·3	72 3	73·4
14	72·7	72·0	71·7	71·0	71·0	70·5	70·6	70·9	70·5	70·9	71·3	71·2	71·0	65·7	65·5	70·6	71·3	71·8	70·2	70·3	70·8	70·3	70.7	71·3	70·9
15	69·7	70·1	71·3	70·8	70·5	70·4	70 0	69·8	70·0	65·6	65·3	68·9	68·4	68·3	68·0	68·8	70·0	70·3	71 3	70·3	69 3	69·9	70·3	69·7	69·8
16	70·1	70·3	70·3	70·3	70·2	70·3	70·6	65·8	70·0	65·6	69·8	68·9	68·5	65·8	68 8	68·8	85·8	70·3	71·7	72·7	72·5	72·7	71·7	72·7	70·3
17	72·3	72·5	72 2	72·3	72·5	73·3	73·8	73·7	73·0	72·6	72·8	72·2	72·0	71·5	72 1	72·2	71·8	72 0	71·9	73·3	73·9	73·9	73·8	74·1	72·7
18	74·1	74·2	73·4	73·8	73·6	73·8	73·6	76·4	73 6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	72·8	72·3	73·1	73 8	72·7	72·3	71·8	71·6	72·3	72·3	72·3	72·3	71 7	72 3	71·5	72·8
20	71·3	71·2	71·1	71·3	70·9	70·7	70 7	71·3	71·0	70 2	69·5	69·4	69·3	63·3	88·7	65 3	70·3	71·3	71·9	71·8	72·0	71·1	71·1	70·5	70·6
21	68·8	70·6	71·0	70·7	70 5	70·5	70·3	70·3	70·6	70·4	70·6	69·8	69·3	68·5	65·3	67·3	65·1	69·7	71·7	71·3	73·3	73·8	73·5	72·6	70·4
22	71.6	70·1	65·9	70·0	70·1	70·1	70·1	70·3	70·1	65·7	69 8	69·6	69·3	69 9	70·8	71·1	72·0	72·9	72·8	73 3	73·1	73·3	73·3	73·8	71·1
23	73·3	72·5	72·1	72·3	73·1	72·0	71·6	71·5	71·8	71·8	71.8	71·6	71·8	71·6	71 0	71·3	71·0	71 5	70·7	72·0	72·1	72·5	72·3	71·5	71·8
24	65·3	65·2	69·5	68·5	68·8	65·5	65·4	65·7	69 5	65·4	69·3	69·1	68·9	68·3	67·7	67 3	68·5	65·5	70.3	71·2	72·3	73·1	73·3	72·3	89·7
25	70·3	65·5	69·5	69·2	69·2	63·8	68 9	65·3	69·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	68·8	68·8	67·8	67 8	67·6	67·6	67·7	69 3	70·3	71·4	71·3	70·7	71·5	71·3	71·5	69·4
27	71·6	71·5	71·4	71·2	70·1	65·8	69·8	69·8	68·8	68·5	68·8	68·2	68·1	68·5	68·7	65·0	69·5	70·3	65·3	68.8	70·2	69·8	70·6	69·3	69·6
28	89·5	68·4	68 3	68·0	67·4	67·3	67·2	67·3	66·8	66·5	66·8	65·9	65·5	65·3	65·3	65·5	66·3	66 8	68·5	70·2	70 3	70·5	70·8	71·5	67·7
29	70·1	70·3	70 2	70 1	70 0	70·1	70·8	70·1	65·3	65·4	67·5	67·4	67·6	66·6	66·2	67·8	69·4	71·5	72·3	73·0	72·5	73·5	73 3	73·7	70·1
30	73·5	73·8	73·6	73·1	72 7	72·6	72·7	71 8	72·1	71·8	71·6	71·8	71·0	71·3	71·5	72·5	73 8	74·7	75·5	75·0	74·3	74·3	73·8	74·3	73·0
31	75·0	74·5	73·5	73·4	73·3	73·0	72·8	72·9	73·8	72·8	72·3	72·0	71·7	71·3	70 7	71·5	73·3	74·1	74 8	74 7	74 3	74·3	74·1	71·8	73·1
Means.	73·0	72·7	72·7	72·7	72·6	72·6	72·5	72·4	72·6	72·0	71·9	71·7	71·5	71·3	71·0	71·6	72·4	73·1	73·3	73·6	73 5	73 5	73·4	73·2	72·5

* The Numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. JANUARY 1852.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·59	0·65	0·86	0·66	0·67	0·71	0·70	0·66	0·67	0·69	0·71	·072	0·74	0·78	0·81	0·78	0·78	0·65	0·63	0·62	0·59	0·61	0·63	0·61	0·580
2	·59	·64	·67	·67	·69	·69	·72	·70	·71	·73	·75	·79	·83	·85	·84	·84	80	·75	·65	·61	·59	·57	·66	·66	·708
3	·69	·73	·75	·74	·77	·78	·76	·75	·78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·77	·75	·76	·77	·79	·72	·74	·78	·71	·62	·63	·62	·63	·65	·63	·720
5	·69	·71	·73	·73	·76	·79	·81	·82	·84	·82	·79	·79	·79	·80	·80	·76	·71	·66	·63	·65	·61	·59	·57	·67	·730
6	·59	·63	·67	·71	·73	·74	·77	·74	·78	·76	·74	·78	·83	·84	·84	·80	·74	·63	·58	·58	·61	·58	·59	·61	·703
7	·63	·66	·69	·73	·78	·77	·73	·71	·71	·72	·73	·75	·78	·81	·83	·82	·75	·64	·60	·59	·59	·60	·57	·56	·697
8	·61	·65	·69	·71	·75	·75	·79	·83	·83	·85	·86	·86	·87	·83	·90	·87	·83	·75	·70	·69	·69	·68	·65	·67	·765
9	·69	·76	·79	·80	·83	·84	·84	·87	·85	·86	·86	·85	·85	·87	·87	·83	·80	·74	·69	·68	·63	·63	·66	·70	·783
10	·74	·78	·79	·79	·80	·82	·84	·84	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·85	·86	·87	·89	·91	·91	·90	·83	·80	·71	·69	·66	·66	·64	·85	·794
12	·67	·72	·75	·78	·79	·79	·78	·79	·79	·79	·79	·83	·85	·92	·91	·81	·76	·67	·65	·67	·66	·66	·65	·65	·755
13	·66	·71	·74	·75	·74	·75	·78	·79	·83	·83	·83	·85	·88	·91	·90	·85	·78	·69	·64	·68	·61	·60	·61	·63	·750
14	·64	·71	·72	·76	·80	·77	·82	·83	·86	·88	·90	·88	·87	·89	·89	·87	·83	·76	·68	·68	·64	·61	·60	·63	·770
15	·66	·70	·75	·79	·83	·86	·84	·87	·88	·88	·88	·89	·90	·90	·95	·94	·89	·79	·69	·69	·64	·59	·57	·58	·790
16	·62	·69	·74	·77	·81	·83	·82	·83	·83	·83	·83	·84	·86	·91	·89	·86	·82	·74	·65	·57	·53	·50	·42	·50	·737
17	·60	·67	·74	·79	·81	·83	·82	·83	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·85	·87	·87	·88	·89	·89	·89	·87	·76	·68	·63	·59	·56	·58	·62	·764
19	·60	·68	·72	·76	·80	·82	·85	·85	·86	·87	·87	·88	·89	·89	·91	·88	·82	·76	·66	·56	·56	·55	·53	·58	·756
20	·62	·69	·72	·74	·74	·78	·78	·77	·79	·80	·81	·82	·83	·86	·91	·90	·82	·77	·73	·68	·64	·65	·65	·63	·755
21	·66	·71	·74	·76	·78	·79	·79	·82	·86	·88	·90	·91	·93	·90	·93	·92	·86	·76	·70	·70	·67	·67	·67	·66	·790
22	·68	·72	·75	·78	·79	·79	·80	·81	·86	·85	·84	·86	·89	·89	·91	·83	·78	·74	·72	·70	·62	·63	·64	·66	·775
23	·68	·75	·78	·82	·79	·80	·78	·82	·84	·84	·84	·88	·93	·92	·93	·86	·83	·70	·66	·70	·65	·66	·65	·65	·781
24	·68	·74	·78	·80	·80	·81	·80	·82	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·85	·88	·88	·88	·89	·91	·90	·77	·70	·65	·63	·63	·62	·60	·61	·769
26	·65	·68	·71	·74	·78	·80	·81	·82	·86	·87	·88	·90	·92	·90	·93	·88	·84	·71	·66	·66	·62	·62	·81	·68	·770
27	·65	·71	·72	·73	·74	·76	·79	·81	·83	·88	·85	·85	·86	·88	·88	·85	·81	·73	·63	·60	·61	·56	·53	·53	·741
28	·54	·61	·69	·73	·76	·78	·81	·81	·83	·88	·82	·80	·89	·89	·89	·86	·81	·68	·57	·58	·54	·50	·50	·51	·728
29	·56	·63	·69	·72	·77	·81	·82	·84	·85	·87	·88	·88	·88	·88	·88	·81	·78	·75	·60	·53	·46	·56	·55	·53	·730
80	·50	·61	·71	·76	·79	·82	·83	·85	·84	·86	·88	·88	·89	·91	·90	·86	·85	·75	·69	·64	·63	·61	·60	·62	·762
Means.	·634	·690	·727	·751	·773	·788	·795	·803	·818	·829	·834	·845	·861	·875	·882	·852	·803	·723	·655	·634	·611	·604	·599	·615	·750

TENSION OF THE ATMOSPHERIC VAPOUR. JANUARY 1852.

Day	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·575	0·609	0·599	0·594	0·602	0·629	0·610	0·587	0·589	0·602	0·614	0·629	0·644	0·627	0·641	0·660	0·711	0·661	0·672	0·671	0·657	0·658	0·659	0·62[illegible]	0·629
2	·595	·610	·623	·619	·620	·628	·645	62·9	·633	·643	·653	·657	·662	·675	·679	·694	·684	·670	·661	·644	·613	·627	·653	·642	·644
3	·652	·670	·687	·683	·696	·699	·701	68·7	·686	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·681	·675	·680	·685	·701	·640	·675	·686	·703	·642	·637	·652	·649	·657	·633	·673
5	·651	·664	·658	·652	·671	·674	·678	·681	·694	·686	·677	·678	·680	·670	·685	·694	·681	·661	·631	·664	·637	·607	·607	·656	·664
6	·574	·582	·606	·619	·633	·632	·647	·637	·651	·642	·638	·639	·646	·619	·608	·619	·644	·607	·583	·556	·641	·604	·557	·604	·620
7	·608	·615	·622	·638	·645	·632	·633	·612	·608	·615	·621	·621	·621	·601	·625	·618	·669	·624	·635	·639	·636	·849	·604	·587	·634
8	·616	·624	·641	·653	·677	·668	·630	·700	·693	·689	·684	·694	·705	·708	·728	·729	·737	·737	·796	·748	·722	·736	·727	·721	·698
9	·730	·752	·763	·756	·772	·779	·774	·792	·795	·797	·759	·793	·787	·788	·756	·790	·787	·775	·750	·741	734	·733	·734	·765	·770
10	·769	·770	·762	·756	·756	·770	·787	·772	·766	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·733	·689	·692	·686	·688	·689	·758	·764	·768	·755	·742	·717	·730	·711	·692	·739
12	·697	·711	·708	·721	·727	·725	·696	·708	·701	·694	·687	·692	·697	·723	·681	·687	·718	·689	·683	·714	·704	·716	·699	·683	·703
13	685	·703	·687	·682	·667	·655	·653	·637	·654	·650	·646	·652	·658	·655	·645	·675	·700	·686	·672	·661	·648	·645	·655	·661	·664
14	·649	·676	·656	·663	·683	·653	·644	·818	·628	·628	·627	·611	·556	·610	·588	·638	689	·654	·673	·676	·692	·675	·684	·684	·651
15	·685	·686	·688	·682	·696	·659	·648	·656	·654	·637	·619	·618	·618	·610	·634	·702	·754	·753	·716	·745	·700	·660	·639	·626	·672
16	·642	·671	·679	·681	·678	·693	·664	·660	·633	·629	·624	·626	·628	·643	·622	·653	·704	·696	·668	·601	·678	·553	·471	·553	·635
17	·625	·664	·666	·674	·681	·687	·670	·669	·649	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·653	·657	·649	·641	·640	·622	·621	·709	·695	·660	·651	·620	·625	·631	·645	·654
19	·620	·668	·664	·654	·661	·654	·648	·641	·618	·615	·613	·616	·620	·612	·629	·660	·708	·699	·660	·587	·559	·602	·570	·642	·636
20	·664	·635	·688	·691	·694	·700	·691	·676	·678	·679	·680	·672	·665	·659	·664	·709	·736	·752	·761	·717	·702	·715	·707	·686	·695
21	·686	·703	·704	·700	·699	·695	·701	·712	·709	·703	·696	·696	·697	·667	·692	·743	·760	·741	·728	·753	·734	·730	·737	·719	·713
22	·715	·724	·627	·724	·733	·735	·741	·732	·747	·733	·718	·725	·732	·722	·717	·744	·749	·768	·774	·766	·720	·723	·745	·745	·732
23	·737	·767	·772	·781	·756	·756	·738	·761	·781	·774	·767	·781	79·5	·776	·763	·746	·813	·743	·742	·794	·753	·765	·758	·759	·766
24	·753	·764	·779	·784	·784	·780	·737	·761	·762	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·734	·705	·688	·691	·679	·760	·781	·730	·714	·707	·697	·695	·689	·663	·658	·726
26	·683	·678	·667	·685	·699	·651	·663	·644	·660	·658	·656	·662	·668	644	·663	·681	·745	·733	·709	·708	·6[illegible]0	·704	·677	·674	·681
27	·683	·699	·687	·692	·687	·655	·672	·662	·654	·653	·652	·643	·635	·635	·615	·654	·712	·708	·656	·648	·643	·620	·584	·569	·657
28	·574	·612	·653	·667	·670	·671	·658	·629	·625	·637	·649	·632	·615	·593	·559	·617	·663	·623	·565	·597	·573	·587	·537	544	·814
29	·579	·616	·621	·624	·614	·618	·604	·602	·587	·582	·576	·571	·566	·565	·542	·544	·604	·650	·581	·555	·501	·647	·635	·588	·590
30	·545	·609	·630	·639	·635	·635	·615	·605	·587	·592	·597	·558	·599	·608	·595	·611	·698	·692	·675	·674	·671	·642	·643	·657	·627
Means.	.654	·674	·674	·681	·686	·687	·678	·671	·671	·667	·662	·662	·663	·658	·657	·679	·714	·702	·680	·678	·663	·663	·652	·655	·673

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR FEBRUARY 1852.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
January 31st	0·62	0·67	0·73	0·76	0·79	0·86	0·88	0·88	0·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·65	0·83	0·84	0·85	0·85	0·85	0·82	0·78	0·68	0·61	0·58	0·54	0·53	0·53	0·57	0·736
2	·87	·68	·88	·71	·73	·74	·78	·78	·73	·80	·82	·84	·87	·88	·85	·82	·73	·65	·69	·60	67	·56	·59	·59	·710
3	·50	·60	·65	·66	·86	·69	·73	·77	·73	·83	·85	·84	·84	·85	·82	·80	·76	·83	·57	·57	·57	·54	·55	·89	·857
4	·60	·65	·65	·65	·68	·67	·70	·69	·69	·70	·71	·71	·73	·81	·82	·88	·74	·64	·89	·81	·88	·63	·61	·61	·878
5	·61	·70	·70	·72	·78	·79	·83	·83	·85	·89	92	·93	·65	·94	·91	·89	·84	·77	·67	·66	·64	·64	·64	·65	·782
6	·70	·73	·73	·79	·61	·81	·83	·83	·88	·86	·86	·88	·50	·90	·92	·96	·83	·78	·78	·70	·67	·66	·67	·68	·795
7	·71	·76	·79	·80	·83	·84	·84	·84	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·88	·91	·90	·90	·91	·90	·90	·83	·76	·69	·66	·64	·63	·60	·83	·790
9	·64	·65	·72	·75	·79	·80	·82	·83	·84	·86	·88	·67	·68	·85	·88	·89	·79	·70	·84	·63	·59	·64	·63	·63	·757
10	·63	·64	·67	·71	·78	·76	·80	·84	·83	·85	·85	·86	·67	·89	·87	·87	·78	·76	·86	·60	·60	·61	·60	·60	·747
11	·60	·63	·64	·66	·67	·68	·67	·74	·78	·77	·76	·79	·80	·81	·88	·83	·76	·61	·55	·58	·56	·56	·56	·58	·680
12	·65	·66	·68	·69	·74	·74	·75	·78	·80	·80	·80	·81	·82	·88	·85	·83	·78	·64	·53	·49	·49	·63	·55	·55	·898
13	·58	·63	·64	·66	·68	·69	·76	·70	·76	·80	·84	·85	·86	·88	·87	·83	·76	·68	·63	·60	·61	·80	·61	·61	·710
14	·61	·63	·68	·66	·73	·76	·76	·76	·78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·84	·91	·91	·92	·96	·90	·88	·82	·71	·61	·68	·60	·81	·59	·62	·743
16	·63	·67	·70	·73	·78	·80	·82	·82	·83	·67	·90	·90	·91	·91	·86	·67	·80	·71	·85	·84	·60	·60	·60	·64	·780
17	·64	·71	·77	·77	·80	·81	·82	·81	·84	·85	·86	·88	·90	·81	·87	·87	·79	·71	·68	·68	·85	·66	·67	·72	·778
18	·74	·78	·81	·81	·62	·83	·82	·84	·84	·87	·50	·90	·90	·90	·90	·88	·85	·88	·76	·71	·73	·73	·73	·71	·817
19	·73	·76	·81	·84	·86	·84	·84	·85	·87	·86	·90	·92	·95	·93	·89	·89	·81	·72	·67	·67	·68	·85	·83	·69	·805
20	·70	·74	·75	·77	·79	·78	·82	·83	·84	·85	·88	·88	·92	·69	·89	·88	·78	·71	·61	·57	·57	·60	·59	·58	·757
21	·66	·64	·70	·69	·83	·83	·85	·87	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·86	·84	·85	·86	·86	·87	·89	·78	·67	·63	·81	·62	·58	·56	·60	·760
23	·61	·53	·86	·69	·78	·79	·75	·77	·81	·84	·86	·85	·90	·88	·87	·83	·76	·67	·59	·55	·88	·55	·84	·56	·718
24	·58	·58	·65	·69	·71	·73	·74	·76	·79	·81	·83	·84	·88	·56	·88	·79	·73	·67	·64	·60	·58	·58	·89	·60	·710
25	·61	·67	·71	·78	·76	·79	·81	·82	·83	·85	·87	·87	·87	·90	·89	·89	·78	·78	·64	·64	·63	·88	·63	·63	·700
26	·67	·89	·75	·79	·80	·81	·84	·84	·87	·88	·89	·89	·90	·91	·55	·76	·70	·65	·82	·62	·63	·62	·82	·81	·759
27	·62	·65	·73	·77	·78	·82	·83	·83	·63	·86	·88	·90	·96	·90	·91	·94	·84	·74	·84	·67	·67	·88	·67	·67	·780
28	·71	·74	·80	·83	·86	·85	·86	·86	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·90	·10	·90	·90	·91	·91	·88	·73	·64	·60	·59	·57	·55	·57	·85	·772
Means.	·837	·869	·713	·736	·763	·779	·793	·807	·861	·848	·859	·866	·878	·883	·876	·856	·777	·698	·633	·816	·804	·603	·608	·618	·748

TENSION OF THE ATMOSPHERIC VAPOUR FEBRUARY 1852.

	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
January 31st	0·638	0·649	0·693	0·653	0·661	0·690	0·670	0·654	0·632	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·628	0·634	0·633	0·622	0·616	0·608	0·628	0·634	0·667	0·639	0·639	0·613	0·612	0·612	0·631	0·643
2	·607	·589	·645	·634	·625	·616	·601	·608	·609	·616	·622	·628	·635	·639	·6 1	·644	·535	·634	·614	·638	·616	·612	·649	·653	·628
3	·622	·593	·624	·612	·603	·619	·618	·624	·606	·621	·633	·637	·621	·629	·617	·636	·658	·631	·628	·634	·623	·595	·601	·023	·621
4	·619	·633	·609	·610	·624	·623	·630	·626	·626	·626	·631	·680	·630	·641	·620	·664	·664	·646	·647	·676	·654	·694	·678	·685	·641
5	·670	·708	·678	·692	·744	·743	·756	·789	·784	·767	·759	·781	·773	·758	·718	·786	·793	·778	·737	·760	·756	·744	·744	753	·749
6	·775	·760	·776	·779	·791	·768	·756	·791	·773	·760	·747	·756	·758	·742	·763	·804	·813	·798	·810	·617	·793	·780	·782	·779	·780
7	·782	·783	·783	·785	·817	·812	·801	·759	·769	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·741	·713	·701	·690	·686	·667	·798	·765	·771	·735	·781	·782	·721	·691	·767	748
9	·699	·683	·706	·703	·699	·646	·683	·668	·657	·657	·657	·647	·637	·630	·647	·698	·712	·698	·673	·691	·643	·667	·651	·684	·675
10	·663	·652	·646	·655	·670	·648	·641	·643	·624	·625	·625	·619	·616	·616	·600	·657	·681	·661	·659	·640	·683	673	·663	·653	·646
11	·642	·637	·613	·616	·606	·551	·560	·577	·564	·585	·565	·562	·560	·553	·594	·610	·623	·599	·568	·588	·601	·578	·623	·644	·592
12	·697	·657	·630	·637	·660	·653	·642	·632	·639	·631	·623	·621	·620	·625	·607	·655	·665	·641	·568	·546	·550	·601	·615	·615	·623
13	·614	·627	·621	·630	·628	·631	·651	·630	·661	·686	·670	·682	·635	·645	·608	·650	·674	·681	·676	665	·676	·634	·639	·678	·653
14	·665	·647	·657	·679	·698	·656	·694	·696	·670	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·703	·735	·729	·763	·714	·694	·781	·786	·728	·696	·706	·713	·731	·710	·719	·703
16	·707	·712	·719	·742	·756	·788	·735	·712	·718	·715	·714	·718	·712	·706	·678	·724	·736	·738	·719	·740	·716	·712	·713	·744	·723
17	·726	·745	·763	·749	·771	·762	·763	·762	·782	·732	·781	·782	·763	·784	·725	·776	·778	·775	·776	·762	·770	·774	·781	·809	·772
18	·804	·759	·814	·813	·813	·614	·615	·828	·823	·833	·837	·830	·824	·818	·803	·804	·827	·843	·843	·830	·624	·838	·838	·833	·821
19	·842	·819	·834	·833	·847	·825	·826	·826	·824	·818	·812	·817	·822	·798	·756	·826	·829	·781	·788	·605	·786	·784	·818	·813	·813
20	·728	·785	·764	·776	·778	·780	·771	·756	·746	·750	·754	·744	·735	·707	·710	·766	·740	·758	·715	·701	·740	·764	·745	·735	·750
21	·750	·726	·735	·864	·758	·749	·743	·745	·725	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·700	·675	·874	·673	·853	·681	·731	·756	·704	·898	·653	·731	677	·692	·686	·709
23	·678	·651	·662	·678	·688	·648	·688	·678	·655	·659	·693	·669	·686	·670	·669	·663	·670	·672	·648	·621	·632	·642	·683	·658	·669
24	·636	·621	·639	·670	·668	·672	·640	·621	·634	·648	·656	·658	·556	·655	·848	·634	·657	·684	·692	·674	·671	·883	·698	·845	·658
25	·646	·708	·703	·716	·659	·704	·844	·855	·646	·651	·656	·656	·657	·666	·661	·739	·751	·770	·758	·768	·730	·778	·776	·774	·710
26	·757	·774	·789	·756	·791	·758	·757	·751	·749	·754	·759	·761	·764	·776	·748	·728	·784	·740	·747	·771	·777	·781	·778	·763	·753
27	·760	·756	·757	·766	·788	·780	·739	·714	·693	·703	·716	·706	·704	·686	·887	·737	·838	·812	·754	·843	·847	·625	·840	·820	·761
28	·833	·815	·880	·823	·814	·713	·783	·746	·734	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·740	·746	·783	·781	·711	·732	·791	·758	·688	·683	·857	·858	·676	·697	·673	·746
Means.	·708	·701	·708	·710	·718	·716	·710	·701	·655	·696	·657	·694	·691	·684	·673	·712	·727	·716	·659	·707	·704	·705	·710	·712	·704

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

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HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. MARCH 1852.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras, Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·57	0·64	0·69	0·73	0·76	0·78	0·80	0·81	0·83	0·83	0·92	0·83	0·85	0·88	0·87	0·86	0·79	0·67	0·65	0·64	0·63	0·61	0·62	0·63	0·741
2	·65	·70	·74	·78	·79	·79	·82	·85	·85	·85	·85	·86	·83	·86	·89	·89	·77	·68	·63	·61	·63	·63	·63	·63	·760
3	·65	·73	·78	·81	·84	·85	·86	·87	·86	·87	·83	·88	·89	·91	·91	·90	·81	·71	·64	·63	·63	·65	·64	·64	·785
4	·67	·76	·80	·83	·85	·87	·88	·89	·89	·90	·91	·91	·92	·93	·91	·86	·78	·67	·61	·60	·60	·60	·68	·59	·783
5	·62	·70	·77	·79	·83	·83	·84	·84	·83	·84	·84	·83	·82	·87	·89	·89	·76	·68	·64	·64	·62	·61	·63	·62	·759
6	·64	·70	·76	·79	·81	·83	·84	·84	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·88	·90	·89	·88	·85	·88	·83	·69	·64	·60	·60	·60	·59	·58	·59	·752
8	·59	·62	·68	·70	·71	·75	·78	·78	·79	·83	·84	·86	·88	·89	·83	·76	·69	·62	·59	·55	·56	·56	·56	·57	·707
9	·58	·63	·66	·67	·69	·72	·76	·76	·79	·80	·81	·83	·84	·85	·82	·81	·73	·64	·60	·57	·57	·58	·58	·58	·702
10	·60	·63	·68	·70	·73	·74	·76	·79	·81	·83	·84	·85	·86	·85	·83	·82	·75	·68	·61	·60	·59	·59	·60	·61	·723
11	·62	·66	·72	·75	·77	·77	·79	·79	·80	·82	·88	·84	·86	·89	·86	·83	·73	·62	·61	·59	·57	·57	·57	·58	·726
12	·59	·62	·67	·71	·73	·76	·78	·79	·80	·81	·81	·82	·83	·84	·84	·82	·75	·70	·64	·63	·63	·62	·62	·63	·726
13	·64	·68	·71	·75	·76	·77	·79	·78	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·82	·80	·82	·84	·87	·89	·85	·78	·67	·61	·60	·58	·57	·56	·59	·732
15	·61	·70	·69	·78	·78	·80	·80	·80	·81	·82	·83	·84	·86	·86	·86	·80	·73	·68	·63	·62	·63	·61	·59	·62	·737
16	·65	·70	·77	·79	·80	·80	·82	·81	·81	·84	·87	·87	·87	·90	·89	·86	·76	·66	·62	·61	·62	·62	·62	·61	·757
17	·63	·68	·74	·75	·75	·76	·76	·77	·78	·80	·82	·84	·87	·87	·87	·85	·77	·70	·70	·65	·64	·64	·63	·63	·746
18	·67	·73	·76	·79	·80	·77	·77	·76	·76	·78	·80	·80	·81	·87	·88	·86	·82	·69	·69	·64	·64	·60	·61	·63	·747
19	·64	·70	·77	·79	·80	·81	·80	·81	·85	·85	·84	·86	·89	·87	·92	·86	·85	·77	·70	·65	·64	·64	·64	·63	·774
20	·67	·71	·74	·77	·79	·79	·80	·82	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·87	·88	·88	·89	·90	·90	·89	·80	·72	·67	·68	·68	·67	·65	·65	·778
22	·67	·70	·79	·83	·81	·84	·85	·85	·86	·84	·83	·84	·85	·86	·90	·83	·77	·64	·65	·65	·63	·64	·66	·66	·769
23	·66	·72	·79	·81	·83	·81	·83	·83	·82	·84	·85	·85	·86	·88	·91	·83	·73	·70	·65	·76	·80	·85	·84	·80	·802
24	·80	·82	·86	·87	·89	·88	·91	·90	·92	·93	·93	·88	·84	·84	·88	·81	·79	·77	·77	·73	·71	·73	·70	·70	·827
25	·73	·77	·80	·85	·87	·88	·90	·92	·92	·94	·95	·93	·91	·91	·90	·85	·77	·71	·63	·46	·42	·46	·63	·62	·780
26	·66	·72	·75	·77	·79	·80	·85	·84	·88	·88	·87	·89	·91	·92	·91	·86	·77	·71	·66	·68	·65	·65	·62	·63	·776
27	·62	·68	·75	·80	·81	·83	·87	·89	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·92	·91	·91	·91	·90	·92	·87	·72	·70	·65	·65	·63	·64	·62	·63	·762
29	·65	·71	·79	·80	·80	·82	·84	·84	·86	·88	·90	·89	·89	·88	·92	·85	·77	·69	·63	·64	·64	·63	·62	·62	·773
30	·65	·70	·77	·77	·80	·81	·83	·87	·89	·90	·91	·91	·91	·89	·88	·84	·73	·64	·61	·61	·62	·62	·61	·62	·766
31	·64	·69	·75	·78	·79	·80	·83	·81	·88	·88	·87	·87	·87	·89	·89	·79	·73	·63	·62	·64	·66	·61	·64	·65	·759
Means.	·643	·696	·747	·776	·792	·802	·821	·826	·842	·853	·859	·862	·870	·879	·883	·843	·761	·679	·641	·625	·623	·622	·623	·628	·758

TENSION OF THE ATMOSPHERIC VAPOUR. MARCH 1852.

	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·675	0·696	0·705	0·741	0·730	0·725	0·716	0·709	0·704	0·673	0·642	0·647	0·662	0·663	0·652	0·732	0·778	0·737	0·755	0·770	0·775	0·769	0·778	0·777	0·715
2	·764	·772	·770	·773	·775	·754	·746	·723	·696	·685	·674	·675	·676	·655	·679	·767	·767	·749	·737	·743	·786	·806	·804	·791	·740
3	·782	·811	·814	·815	·828	·828	·824	·757	·747	·754	·761	·764	·767	·761	·759	·824	·837	·822	·807	·829	·840	·863	·840	·831	·805
4	·827	·866	·878	·875	·878	·883	·886	·883	·867	·853	·839	·827	·815	·817	·813	·840	·855	·790	·776	·800	·814	·818	·795	·783	·836
5	·799	·827	·857	·828	·841	·838	·836	·834	·817	·792	·767	·741	·715	·718	·754	·834	·823	·793	·812	·824	·709	·803	·800	·784	·801
6	·770	·785	·800	·800	·803	·795	·793	·784	·779	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·756	·732	·717	·703	·679	·715	·763	·723	·732	·723	·722	·731	·731	·723	·72[illegible]	·749
8	·720	·655	·720	·722	·708	·726	·730	·704	·701	·707	·713	·710	·708	·717	·685	·708	·715	·694	·688	·680	·654	·655	·658	·69[illegible]	·706
9	·689	·643	·683	·661	·654	·661	·666	·646	·657	·655	·632	·652	·652	·647	·613	·658	·717	·696	·699	·691	·659	·716	·719	·710	·676
10	·710	·702	·705	·711	·715	·694	·698	·703	·709	·706	·703	·698	·694	·673	·664	·731	·766	·760	·742	·748	·746	·756	·765	·755	·719
11	·749	·752	·762	·777	·784	·775	·775	·754	·750	·745	·739	·733	·728	·729	·721	·788	·779	·731	·735	·731	·732	·736	·723	·726	·748
12	·730	·724	·728	·726	·743	·734	·743	·728	·730	·734	·737	·726	·716	·699	·689	·762	·789	·806	·779	·784	·784	·799	·759	·809	·750
13	·820	·799	·738	·818	·753	·795	·755	·775	·750	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·776	·761	·757	·753	·758	·793	·834	·855	·819	·789	·758	·754	·785	·790	·801	·783
15	·806	·843	·831	·850	·837	·842	·847	·833	·837	·838	·833	·839	·840	·817	·820	·834	·846	·822	·845	·858	·860	·813	·796	·807	·833
16	·812	·824	·845	·853	·854	·844	·835	·832	·815	·822	·829	·819	·810	·808	·806	·881	·871	·813	·811	·815	·822	·835	·826	·808	·829
17	·807	·812	·823	·813	·800	·7[illegible]1	·787	·784	·778	·752	·806	·802	·798	·780	·780	·843	·853	·829	·858	·849	·855	·865	·837	·835	·816
18	·847	·846	·843	·856	·855	·826	·826	·801	·801	·818	·834	·776	·719	·738	·752	·793	·850	·759	·820	·765	·770	·770	·755	·784	·803
19	·778	·801	·839	·810	·808	·809	·798	·806	·843	·837	·830	·843	·856	·829	·878	·769	·849	·844	·7[illegible]9	·801	·835	·834	·789	·782	·819
20	·790	·797	·785	·795	·807	·807	·808	·830	·853	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·832	·810	·803	·756	·799	·824	·887	·851	·871	·870	·913	·838	·914	·901	·875	·841
22	·876	·864	·892	·900	·873	·887	·889	·878	·878	·869	·860	·854	·848	·847	·870	·902	·928	·838	·868	·869	·875	·866	·876	·861	·874
23	·848	·862	·886	·892	·894	·869	·874	·870	·859	·863	·866	·857	·849	·860	·900	·917	·813	·882	·813	·818	·863	·849	·841	·832	·865
24	·836	·834	·839	·844	·864	·863	·886	·883	·8[illegible]8	·8[illegible]6	·854	·846	·799	·776	·843	·852	·890	·913	·960	·949	·922	·932	·886	·888	·875
25	·902	·891	·876	·901	·909	·904	·914	·926	·904	·915	·925	·889	·873	·867	·864	·886	·883	·865	·829	·653	·632	·720	·878	·860	·861
26	·873	·899	·882	·877	·889	·888	·938	·918	·948	·936	·924	·920	·916	·921	·923	·965	·945	·923	·909	·918	·929	·933	·881	·892	·914
27	·861	·870	·899	·919	·910	·916	·929	·952	·931	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·952	·923	·909	·895	·870	·909	·985	·896	·898	·878	·885	·873	·889	·864	·860	·905
29	·868	·877	·911	·889	·894	·901	·907	·896	·909	·900	·890	·876	·862	·837	·897	·941	·914	·884	·864	·894	·903	·836	·870	·858	·889
30	·859	·865	·878	·858	·875	·877	·884	·913	·919	·909	·858	·883	·869	·811	·840	·889	·862	·809	·823	·848	·856	·855	·836	·829	·864
31	·835	·850	·861	·861	·856	·861	·869	·837	·883	·850	·817	·809	·802	·805	·845	·861	·889	·825	·873	·908	·940	·882	·901	·905	·859
Means.	·801	·810	·818	·820	·821	·818	·822	·815	·817	·810	·802	·792	·782	·773	·789	·832	·839	·812	·810	·810	·817	·819	·816	·810	·811

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 •	10	11 •	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
HUMIDITY OF THE AIR. APRIL 1852.																									
1	0·69	0·73	0·77	0·79	0·82	0·81	0·82	0·83	0·85	0·88	0·56	0·88	0·89	·88	0·90	0·77	0·69	0·63	0·56	0·80	0·61	·60	·60	0·59	0·752
2	·63	·63	·88	·71	·73	·76	·77	·76	·80	·79	·77	·80	·83	·67	·87	·77	·70	·83	·65	·61	·62	·59	·60	·59	·713
3	·60	·66	·69	·73	·74	·73	·74	·73	·73	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·77	·80	·82	·84	·58	·87	·77	·70	·61	·58	·58	·57	·59	·55	·56	·704
5	·61	·64	·69	·73	·78	·77	·78	·80	·82	·83	·84	·86	·87	·58	·88	·74	·69	·64	·58	·55	·58	·59	·56	·57	·720
6	·57	·64	·70	·72	·78	·77	·81	·86	·87	·89	·91	·91	·10	·10	·88	·78	·71	·68	·83	·62	·59	·58	·58	·59	·741
7	·64	·69	·77	·79	·80	·80	·80	·79	·83	·84	·85	·87	·88	·65	·88	·83	·73	·65	·63	·63	·60	·59	·59	·85	·746
8	·56	·62	·70	·74	·80	·81	·81	·80	·80	·83	·85	·67	·59	·85	·87	·80	·72	·62	·62	·61	·63	·81	·88	·64	·737
9	·85	·69	·78	·78	·81	·83	·85	·84	·83	·84	·84	·83	·85	·86	·87	·78	·67	·87	·62	·64	·64	·63	·63	·66	·784
10	·66	·71	·79	·82	·82	·82	·83	·83	·81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·62	·82	·82	·81	·84	·83	·70	·66	·83	·83	·63	·58	·54	·54	·56	·727
12	·59	·60	·70	·73	·74	·75	·76	·74	·77	·79	·81	·83	·84	·85	·85	·78	·66	·61	·60	·57	·55	·53	·58	·56	·698
13	·56	·61	·67	·70	·72	·73	·73	·72	·75	·78	·80	·83	·84	·86	·84	·78	·70	·83	·58	·55	·55	·85	·54	·56	·889
14	·58	·68	·70	·73	·75	·76	·75	·78	·78	·79	·82	·86	·89	·89	·88	·74	·70	·61	·56	·55	·57	·58	·53	·55	·704
15	·58	·60	·88	·73	·74	·76	·77	·78	·78	·79	·80	·82	·84	·86	·83	·71	·87	·62	·53	·56	·55	·53	·54	·58	·892
16	·59	·64	·71	·76	·70	·73	·80	·79	·78	·81	·83	·82	·83	·85	·85	·77	·68	·59	·58	·55	·54	·53	·55	·56	·707
17	·58	·82	·70	·73	·75	·78	·79	·78	·81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·84	·86	·88	·89	·89	·88	·79	·70	·62	·50	·59	·59	·57	·59	·60	·721
19	·80	·65	·75	·80	·83	·83	·66	·84	·87	·87	·86	·89	·91	·89	·86	·79	·70	·61	·52	·58	·59	·58	·56	·35	·741
20	·58	·60	·73	·90	·83	·84	·84	·67	·84	·86	·83	·10	·52	·91	·85	·78	·65	·60	·53	·47	·50	·51	·52	·53	·723
21	·57	·64	·75	·82	·88	·89	·90	·90	·92	·92	·91	·91	·90	·10	·85	·77	·70	·63	·83	·59	·60	·59	·55	·55	·758
22	·58	·59	·69	·74	·75	·78	·79	·79	·80	·80	·80	·88	·81	·87	·88	·74	·68	·66	·59	·57	·78	·53	·54	·54	·711
23	·59	·62	·76	·82	·85	·86	·88	·88	·87	·88	·88	·89	·89	·89	·86	·75	·70	·83	·85	·62	·61	·69	·60	·80	·757
24	·61	·62	·73	·73	·81	·83	·83	·88	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·58	·87	·87	·87	·87	·88	·75	·70	·86	·63	·61	·64	·60	·60	·60	·745
26	·60	·67	·78	·78	·81	·81	·92	·82	·84	·85	·88	·87	·85	·89	·84	·72	·66	·65	·60	·60	·60	·62	·60	·60	·740
27	·81	·64	·73	·76	·78	·78	·61	·80	·83	·84	·84	·86	·65	·86	·84	·74	·64	·67	·61	·59	·59	·60	·59	·60	·730
28	·89	·61	·70	·74	·77	·77	·76	·80	·80	·62	·64	·85	·85	·87	·81	·72	·65	·57	·55	·55	·54	·55	·54	·58	·702
29	·64	·68	·74	·76	·78	·82	·82	·80	·83	·84	·85	·85	·85	·87	·88	·75	·68	·62	·59	·58	·55	·58	·60	·80	·733
30	·61	·88	·73	·74	·75	·78	·80	·83	·83	·88	·87	·88	·88	·87	·80	·73	·67	·63	·59	·60	·58	·52	·52	·53	·713
Means.	601	·842	722	·729	·782	·793	·805	·808	·815	·833	·843	·860	·870	·875	·855	·760	·687	·830	·898	·596	·580	·578	·872	·577	·726
TENSION OF THE ATMOSPHERIC VAPOUR. APRIL 1852.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. •	In.	In. •	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·894	0·913	0·914	0·914	0·920	0·912	0·920	0·883	0·877	0·870	0·863	0·869	0·876	0·861	0·900	0·888	0·877	0·863	0·841	0·853	0·863	0·851	0·863	0·813	0·879
2	·824	·791	·793	·804	·821	·825	·828	·824	·832	·819	·868	·811	·816	·819	·841	·852	·800	·843	·858	·832	·856	·828	·823	·789	·824
3	·754	·801	·798	·809	·800	·781	·788	·785	·778	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·818	·864	·877	·890	·815	·933	·814	·900	·828	·818	·867	·643	·850	·858	·815	·838
5	·822	·859	·823	·838	·846	·839	·838	·839	·837	·849	·861	·859	·837	·851	·865	·845	·841	·835	·783	·796	·781	·808	·757	·792	·827
6	·754	·778	·775	·783	·807	·894	·813	·817	·817	·815	·818	·800	·788	·770	·783	·802	·840	874	·858	·858	·818	812	·808	·811	·809
7	·859	·856	·882	871	·864	·853	·850	·835	·870	·807	·793	·753	·795	·794	·832	·889	·863	·848	·850	·889	·859	·858	·848	·767	·841
8	·782	·808	·834	·843	·852	·892	·881	·863	·848	·648	·848	·843	·839	·833	·857	·884	855	·850	·919	·829	·818	·853	·854	·843	·863
9	·852	·888	·810	·917	·931	·944	·856	·886	·911	·802	·893	·885	·877	·879	·812	·947	·928	·941	·888	·941	·944	·922	·908	·932	·916
10	·917	·928	·843	·858	·844	·831	·933	·922	·896	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·842	·789	·786	·784	·820	·851	·829	·316	·828	·862	·877	·752	·776	·764	·774	·857
12	·783	·784	·802	·819	·817	·816	·813	·789	·797	·796	·798	·794	·792	·774	·828	·850	·813	·803	·818	·805	·752	·761	·778	·779	·759
13	·745	·758	·777	·771	·781	·777	·768	·758	·788	·767	·769	·787	·745	·745	·780	·864	·864	·827	·775	·770	·792	·772	·764	·773	·776
14	·784	·793	·803	·808	·816	·824	·759	·753	·794	·793	·793	·794	·755	·777	·802	·802	·860	·822	·787	·767	·816	·758	·781	·770	·758
15	·757	·778	·803	·817	·822	820	·830	·824	·819	·799	·780	·780	·780	·772	·796	·822	·830	·825	·761	·803	·779	·761	·775	·828	·758
16	·784	·810	·880	·848	·864	·830	·885	·832	·811	·810	·809	·788	·778	·771	·825	·852	·829	·793	·806	·753	·777	·756	·771	·786	·808
17	·776	·785	·805	·818	·811	·816	·829	·808	·808	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·816	·875	·830	·836	·838	·885	·890	·879	·858	·748	·891	·878	·873	·886	·889	·885
19	·864	·885	·901	·914	·919	·889	·908	·830	·883	·857	·832	·83[illegible]	·847	·858	·862	·890	·887	·851	·781	·851	·805	·829	·863	·829	·871
20	·925	·848	·808	·949	·982	·952	·842	·948	·836	·948	·961	·974	·887	·870	·938	·917	·883	·868	·827	·784	·825	·882	·822	·830	·901
21	·868	910	·864	·974	1·015	1·012	1·017	1·004	1·004	·977	·951	·928	·908	·864	·692	·919	·900	·698	·834	·846	·941	·923	·899	·856	·934
22	·856	·848	·857	·888	0·984	0·980	0·909	0·887	0·891	·850	·869	·919	·870	·944	·973	·838	·925	·958	·802	895	·805	·857	·848	·851	·6[illegible]7
23	·984	·898	·954	·982	·992	·956	·986	·979	·875	·968	·862	·947	·933	·918	·946	·886	·950	·830	·942	·917	·927	·911	·911	·918	·944
24	·887	·889	·933	·954	·859	·863	·953	·949	·938	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·948	·958	·948	·838	·928	·885	·860	·951	·948	·933	·928	·951	885	·945	·915	·937
26	·910	·918	·944	·883	·965	·951	·884	·841	·889	·962	·955	·947	·840	·832	·941	·845	·915	·835	·915	·834	·923	·949	·909	·911	·938
27	·893	·857	·920	·927	·834	·929	·883	·928	·831	·917	·904	·906	·908	·881	·951	·945	·915	·909	·906	·902	·909	·948	·917	·902	·917
28	875	·865	·900	·899	·922	·910	·818	·921	·928	·924	·825	·882	·920	·911	·901	·911	·901	·852	·855	·863	·816	·855	·840	·857	·892
29	·886	·857	·816	·818	·919	·923	·939	·928	·882	·820	·809	·813	·877	·859	·938	·833	·917	·888	·882	·851	·868	·859	·923	·902	·908
30	·870	·803	·911	·817	·804	·830	·889	·962	·957	·955	·954	·948	·843	·918	·928	·902	·900	·909	·891	·919	·857	·821	·752	·810	·905
Means.	·838	·848	·870	·879	·889	·886	·886	·878	·875	·869	·865	·883	·862	·855	·879	·885	·858	·868	·850	·865	·860	·849	·843	·837	·866

• The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily Means.

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HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. MAY 1852.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·58	0·63	0·71	0·74	0·80	0·77	0·77	0·60	0·78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·84	0·60	0·90	0·91	0·90	0·90	0·85	0·77	0·74	0·70	0·71	0·59	0·81	0·61	0·86	0·755
3	·86	·69	·76	·76	·89	·81	·82	·83	·78	·63	·85	·88	·87	·86	·89	·86	·77	·71	·68	·65	·68	·65	·89	·77	·771
4	·79	·83	·88	·88	·91	·87	·88	·86	·87	·58	·89	·69	·89	·89	·89	·86	·84	·79	·77	·88	·71	·73	·78	·78	·834
5	·80	·83	·86	·67	·68	·58	·86	·85	·87	·87	·67	·88	·88	·59	·68	·65	·74	·71	·78	·69	·69	·69	·87	·66	·808
6	·69	·78	·78	·60	·83	·85	·87	·88	·85	·88	·10	·91	·96	·51	·60	·73	·71	·65	·79	·69	·87	·85	·60	·84	·777
7	·64	·71	·78	·78	·63	·77	·80	·79	·80	·83	·85	·86	·86	·86	·76	·70	·64	·89	·56	·57	·54	·53	·85	·85	·714
8	·87	·61	·71	·74	·80	·81	·81	·81	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·61	·80	·83	·64	·64	·74	·86	·56	·54	·49	·48	·54	·55	·56	·57	·687
10	·58	·66	·72	·73	·76	·68	·66	·72	·71	·76	·60	·85	·89	·87	·78	·89	·66	·89	·56	·55	·54	·58	·56	·54	·688
11	·57	·81	·86	·74	·79	·75	·76	·73	·71	·71	·71	·72	·73	·73	·67	·82	·54	·51	·47	·43	·45	·48	·59	·60	·836
12	·83	·85	·84	·71	·74	·70	·72	·89	·70	·71	·72	·78	·74	·72	·68	·63	·87	·85	·87	·86	·57	·47	·44	·52	·640
13	·55	·89	·70	·74	·76	·75	·77	·77	·75	·73	·76	·76	·79	·79	·70	·81	·57	·54	·49	·47	·43	·50	·58	·64	·689
14	·64	·70	·75	·78	61	79	·79	·76	·80	·79	·78	·81	·83	·80	·77	·65	·60	·58	·55	·51	·51	·57	·87	·61	·698
15	·89	·74	·75	·78	·76	·93	·89	·75	·77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·81	·84	·85	·85	·84	·81	·70	·63	·61	·58	·54	·54	·58	·81	·51	·709
17	·54	·85	·85	·72	·78	·78	·80	·79	·79	·60	·61	·82	·82	·83	·88	·76	·63	·57	·50	·45	·48	·50	·51	·52	·673
18	·57	·64	·71	·75	·78	·79	·78	·77	·77	·78	·78	·79	·79	·60	·77	·71	·67	·58	·52	·49	·48	·54	·57	·61	·685
19	·65	·69	·70	·70	·70	·76	·77	·80	·79	·80	·80	·81	·69	·81	·78	·71	·64	·58	·54	·49	·44	·57	·58	·57	·858
20	·69	·75	·79	·80	·81	·80	·81	·79	·79	·80	·61	·61	·80	·79	·78	·63	·60	·57	·45	·47	·55	·57	·59	·61	·701
21	·60	·61	·81	·65	·65	·82	·75	·70	·72	·75	·74	·75	·75	·74	·68	·57	·51	·49	·48	·45	·46	·52	·56	·64	·626
22	·57	·58	·62	·87	·68	·70	·66	·68	·67	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·72	·77	·79	·81	·83	·76	·71	·61	·53	·50	·58	·56	·56	·58	·56	·650
24	·39	·86	·78	·76	·81	·83	·84	·82	·81	·83	·84	·88	·87	·84	·75	·68	·81	·58	·54	·58	·56	·58	·56	·56	·710
25	·54	·53	·65	·76	·77	·77	·69	·83	·77	·75	·78	·78	·76	·79	·70	·64	·57	·50	·46	·43	·48	·59	·54	·55	·654
26	·57	·65	·72	·76	·78	·80	·82	·68	·84	·84	·84	·84	·83	·60	·67	·69	·57	·53	·49	·45	·48	·52	·54	·54	·660
27	·58	·57	·67	·71	·74	·76	·80	·77	·77	·79	·80	·80	·80	·80	·78	·63	·59	·55	·50	·46	·48	·51	·58	·53	·681
28	·58	·64	·59	·63	·84	·75	·75	·74	·74	·74	·74	·74	·74	·75	·74	·65	·54	·48	·45	·42	·44	·50	·58	·51	·625
29	·53	·54	·59	·61	·64	·68	·80	·67	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·70	·79	·76	·75	·74	·68	·87	·83	·47	·44	·48	·50	·40	·49	·51	·600
31	·53	·58	·70	·77	·60	·61	·83	·81	·60	·80	·79	·81	·83	·85	·77	·86	·62	·61	·61	·59	·56	·54	·54	·58	·699
Means.	·613	·851	·707	·743	·770	·788	·788	·777	·775	·793	·803	·815	·899	·817	·784	·699	·627	·585	·551	·530	·530	·556	·588	·585	·693

TENSION OF THE ATMOSPHERIC VAPOUR. MAY 1852.

	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·834	0·860	0·916	0·931	0·975	0·948	0·939	0·951	0·923	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·906	0·888	0·891	0·886	0·890	0·898	0·848	0·816	0·870	0·881	0·873	0·916	0·830	0·843	0·893	0·808
3	·103	·105	·900	·919	·053	·934	·936	·938	·658	·868	·877	·878	·873	·865	·893	·903	·917	·940	·944	·947	·931	·930	·914	·94	·911
4	·645	·860	·505	·912	·887	·658	·560	·654	·857	·861	·867	·864	·862	·853	·867	·886	·906	·918	·843	·653	·939	·920	·931	·916	·885
5	·926	·184	·942	·940	·142	·944	·509	·693	·883	·876	·874	·873	·678	·879	·918	·548	·509	·929	·934	·961	·966	·977	·959	·909	·919
6	·919	·128	·930	·935	·959	·962	·573	·953	·931	·929	·598	·923	·025	·505	·668	·892	·913	·016	·180	·976	·974	·963	·886	·925	·934
7	·928	·947	·954	·959	·960	·895	·859	·857	·864	·670	·877	·868	·858	·845	·799	·829	·825	·830	·832	·869	·852	·628	·831	·890	·870
8	·636	·888	·915	·925	·968	·951	·955	·558	·953	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·085	·916	·926	·934	·936	·870	·656	·804	·822	·769	·831	·931	·030	·993	·923	·002
10	·987	·184	·977	·963	·953	·851	·638	·835	·819	·844	·859	·879	·890	·833	·746	·741	·741	·799	·819	·783	·793	·885	·910	·898	·858
11	·871	·870	·909	·963	·584	·920	·916	·868	·848	·839	·638	·636	·839	·834	·820	·827	·756	·795	·801	·781	·865	·854	·905	·721	·855
12	·704	·790	·778	·618	·817	·753	·774	·744	·751	·755	·759	·780	·782	·780	·700	·804	·777	·797	·856	·878	·925	·833	·611	·875	·793
13	·862	·901	·952	·967	·969	·967	·958	·942	·904	·895	·887	·857	·657	·874	·859	·830	·828	·860	·827	·845	·325	·928	·517	·525	·898
14	·856	·945	·975	1·000	1·012	·956	·980	·961	·951	·985	·922	·925	·929	·900	·886	·855	·847	·853	·859	·555	·916	·960	·529	·934	·925
15	·979	·958	·964	0·984	0·918	·991	·744	·797	·795	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·826	·856	·851	·843	·638	·832	·881	·898	·850	·862	·885	·900	·676	·863	·845	·874
17	·867	·660	·851	·962	·969	·965	·974	·958	·943	·936	·030	·928	·997	·927	·971	·957	·895	·884	·833	·785	·800	·892	·900	·509	·911
18	·047	·959	·063	·882	·578	·064	·971	·949	·936	·924	·916	·904	·858	·806	·688	·860	·873	·869	·842	·810	·519	·514	·935	·979	·915
19	·979	·939	·915	·884	·673	·978	·981	·961	·994	·993	·862	·924	·597	·918	·947	·529	·516	·900	·859	·655	·607	·979	·967	·526	·922
20	·991	1·004	1·012	1·024	1·002	·980	·984	·949	·946	·937	·961	·911	·892	·863	·538	·537	·846	·858	·799	·823	·950	·932	·939	·914	·923
21	·847	0·749	0·780	0·811	0·811	·784	·904	·831	·835	·838	·839	·826	·820	·606	·786	·744	·744	·770	·790	·790	·778	·902	·892	·724	·818
22	·780	·748	·776	·816	·804	·783	·735	·721	·718	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·797	·859	·874	·866	·670	·655	·998	·867	·832	·617	·918	·906	·920	·632	·906	·835
24	·964	·940	·885	·989	·986	·999	·999	·958	·928	·935	·944	·943	·948	·904	·890	·879	·886	·884	·891	·956	·963	·559	·951	·909	·539
25	·885	·838	·879	·995	·967	·941	·593	·565	·880	·662	·885	·872	·860	·857	·839	·850	·835	·608	·773	·757	·857	·935	·927	·935	·883
26	·924	·935	·964	·988	·968	·935	·990	·596	·999	·586	·974	·938	·903	·843	·791	·821	·814	·818	·811	·703	·653	·891	·886	·864	·908
27	·687	·886	·906	·917	·944	·954	·579	·054	·920	·921	·923	·915	·907	·936	·888	·842	·849	·851	·863	·612	·921	·929	·920	·912	·008
28	·916	·508	·813	·881	·847	·973	·051	·914	·899	·885	·872	·860	·849	·646	·884	·686	·818	·803	·795	·795	·647	·898	·691	·831	·867
29	·846	·779	·750	·779	·802	·810	·832	·797	·793	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·799	·808	·798	·791	·785	·770	·789	·766	·798	·740	·820	·863	·659	·657	·858	·801
31	·851	·877	·925	·977	·993	·578	·079	·948	·961	·910	·659	·899	·900	·856	·926	·023	·904	·951	·972	·970	·920	·504	·842	·891	·925
Means.	·888	·893	·909	·928	·933	·134	·919	·901	·883	·865	·887	·883	·879	·869	·857	·656	·644	·850	·656	·653	·883	·910	·504	·869	·887

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily Means.

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HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. JUNE 1852.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
										*		*													
1	0·58	0·64	0·74	0·78	0·80	0·80	0·81	0·83	0·83	0·84	0·84	0·86	0·87	0·86	0·75	0·70	0·69	0·63	0·61	0·60	0·59	0·59	0·60	0·60	0·727
2	·62	·63	·71	·75	·79	·81	·83	·85	·85	·86	·86	·87	·87	·86	·78	·70	·64	·68	·59	·58	·58	·58	·58	·59	·725
3	·59	·68	·70	·75	·81	·83	·82	·82	·84	·82	·80	·81	·82	·82	·76	·63	·61	·54	·56	·58	·58	·55	·57	·57	·703
4	·57	·59	·78	·89	·81	·84	·86	·85	·84	·84	·83	·83	·83	·81	·77	·62	·56	·49	·47	·43	·48	·40	·45	·46	·671
5	·53	·58	·69	·74	·76	·77	·78	·75	·76	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·76	·76	·76	·76	·81	·68	·59	·53	·49	·45	·41	·43	·49	·51	·51	·638
7	·58	·58	·72	·72	·74	·77	·77	·70	·75	·77	·78	·76	·74	·75	·67	·57	·50	·47	·46	·44	·48	·46	·51	·52	·629
8	·48	·52	·66	·72	·74	·77	·78	·78	·77	·75	·78	·74	·75	·75	·71	·57	·51	·47	·44	·42	·38	·40	·47	·49	·617
9	·50	·58	·69	·75	·76	·80	·79	·81	·80	·78	·76	·77	·77	·73	·70	·66	·56	·50	·48	·43	·45	·53	·54	·57	·654
10	·60	·69	·71	·78	·80	·76	·79	·80	·79	·79	·79	·78	·77	·74	·72	·60	·56	·48	·48	·45	·47	·53	·58	·61	·670
11	·65	·68	·72	·73	·76	·79	·78	·79	·78	·74	·70	·71	·71	·71	·67	·53	·51	·49	·48	·47	·44	·51	·54	·51	·644
12	·57	·63	·67	·75	·75	·80	·83	·83	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·86	·87	·88	·89	·89	·79	·73	·63	·57	·53	·50	·46	·47	·42	·43	·693
14	·55	·69	·76	·77	·80	·82	·85	·88	·88	·86	·83	·85	·87	·87	·84	·83	·67	·57	·54	·50	·46	·45	·42	·44	·708
15	·62	·74	·77	·81	·83	·83	·86	·89	·89	·81	·78	·74	·74	·70	·63	·70	·63	·63	·55	·52	·50	·50	·51	·50	·657
16	·52	·66	·74	·76	·76	·78	·77	·78	·78	·75	·72	·73	·74	·75	·70	·64	·55	·51	·47	·44	·41	·42	·43	·41	·634
17	·43	·44	·53	·61	·64	·68	·73	·76	·75	·70	·64	·65	·65	·64	·65	·60	·51	·46	·45	·45	·42	·43	·50	·51	·576
18	·57	·76	·80	·79	·82	·82	·82	·81	·63	·82	·80	·80	·80	·84	·83	·79	·70	·65	·62	·56	·50	·47	·48	·55	·718
19	·89	·63	·77	·80	·82	·85	·88	·90	·90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·90	·89	·91	·92	·88	·86	·81	·74	·63	·68	·58	·58	·56	·56	·58	·761
21	·68	·75	·74	·68	·68	·72	·73	·74	·74	·75	·76	·77	·78	·78	·79	·79	·77	·72	·66	·61	·59	·58	·58	·59	·708
22	·61	·62	·63	·66	·70	·69	·67	·71	·71	·71	·70	·71	·72	·76	·74	·73	·72	·63	·57	·53	·52	·51	·50	·50	·618
23	·51	·52	·62	·75	·76	·80	·83	·84	·85	·76	·66	·66	·66	·67	·69	·71	·69	·63	·57	·54	·52	·51	·51	·50	·657
24	·58	·58	·55	·57	·60	·61	·61	·61	·67	·67	·67	·69	·71	·70	·68	·64	·60	·52	·50	·49	·47	·48	·47	·47	·585
25	·51	·50	·58	·66	·76	·76	·79	·78	·79	·81	·88	·81	·79	·71	·70	·69	·63	·54	·51	·51	·50	·51	·51	·53	·652
26	·54	·60	·66	·71	·70	·75	·77	·78	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·81	·79	·78	·77	·76	·73	·64	·56	·51	·48	·46	·42	·40	·40	·45	·637
28	·49	·60	·63	·72	·71	·73	·73	·72	·68	·65	·62	·63	·63	·64	·62	·58	·55	·48	·46	·45	·42	·42	·46	·53	·590
29	·56	·67	·71	·74	·78	·76	·76	·77	·76	·75	·73	·72	·71	·69	·69	·63	·65	·60	·52	·49	·49	·47	·53	·56	·658
30	·58	·62	·69	·82	·83	·82	·83	·83	·85	·84	·83	·82	·81	·82	·81	·74	·60	·50	·50	·48	·44	·41	·52	·56	·689
Means.	·558	·620	·688	·785	·758	·775	·787	·793	·798	·785	·766	·771	·772	·767	·731	·675	·612	·558	·532	·497	·480	·485	·505	·522	·851

TENSION OF THE ATMOSPHERIC VAPOUR. JUNE 1852.

	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·910	0·934	0·965	0·978	0·981	0·956	0·961	0·960	0·941	0·934	0·927	0·935	0·943	0·952	0·905	0·923	0·947	0·931	0·924	0·916	0·920	0·909	0·922	0·908	0·935
2	·915	·911	·914	·925	·948	·952	·969	·982	·969	·957	·946	·944	·942	·982	·947	·936	·924	·947	·936	·957	·965	·966	·958	·968	·946
3	·938	·947	·925	·938	·983	·991	·963	·958	·966	·929	·858	·892	·892	·880	·909	·919	·908	·860	·912	·949	·959	·936	·924	·925	·929
4	·916	·912	·988	1·008	1·012	1·022	1·029	1·007	·959	·981	·963	·946	·929	·896	·942	·857	·850	·796	·800	·761	·768	·763	·806	·824	·907
5	·861	·898	·951	0·989	0·995	0·954	0·973	0·937	·913	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·898	·834	·867	·850	·856	·852	·813	·791	·754	·787	·732	·821	·880	·881	·872	·882
7	·906	·932	1·018	·996	·986	·994	·936	·886	·952	·951	·951	·911	·872	·867	·864	·818	·755	·789	·809	·835	·827	·871	·906	·904	·901
8	·838	·884	0·966	·995	·986	·999	·978	·967	·954	·909	·865	·867	·869	·861	·882	·895	·786	·777	·800	·797	·794	·836	·850	·870	·882
9	·872	·858	·862	1·007	·990	1·001	·978	·988	·968	·925	·882	·880	·879	·824	·848	·908	·827	·804	·835	·793	·837	·901	·893	·896	·899
10	·898	·880	·939	0·969	·975	0·935	·955	·965	·951	·937	·924	·888	·852	·810	·841	·805	·834	·764	·814	·805	·799	·880	·878	·883	·884
11	·900	·912	·910	·898	·924	·955	·947	·958	·922	·864	·806	·808	·810	·812	·833	·813	·766	·741	·704	·778	·770	·855	·854	·837	·852
12	·868	·877	·876	·954	·955	·972	·916	·988	·967	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·967	·967	·958	·949	·858	·902	·924	·883	·865	·853	·866	·838	·861	·853	·822	·911
14	·855	·915	·944	·962	·974	·990	·968	·984	·945	·908	·871	·892	·913	·919	·911	·944	·908	·805	·799	·781	·781	·807	·790	·797	·890
15	·841	·821	·831	·892	·934	·937	·980	1·008	·980	·895	·811	·805	·799	·748	·738	·774	·785	·805	·781	·780	·790	·804	·806	·753	·839
16	·797	·904	·932	·933	·930	·947	·935	0·916	·916	·866	·816	·804	·792	·792	·805	·842	·799	·759	·745	·743	·725	·739	·758	·729	·830
17	·718	·696	·742	·802	·814	·851	·877	·915	·858	·807	·727	·727	·727	·706	·748	·759	·722	·781	·745	·747	·740	·761	·800	·800	·773
18	·840	·878	·899	·804	·819	·816	·845	·837	·887	·821	·805	·806	·807	·839	·841	·868	·871	·869	·873	·888	·833	·817	·790	·845	·840
19	·876	·873	·947	·799	·804	·857	·880	·899	·889	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·876	·864	·866	·869	·843	·865	·896	·894	·844	·837	·860	·883	·863	·868	·870	·867
21	·883	·928	·870	·788	·770	·811	·804	·800	·768	·792	·796	·755	·755	·784	·810	·886	·848	·810	·817	·814	·817	·813	·808	·816	·816
22	·808	·800	·786	·798	·831	·798	·764	·787	·777	·763	·749	·752	·755	·795	·779	·777	·829	·822	·805	·803	·814	·820	·825	·801	·793
23	·786	·753	·825	·942	·916	·952	·978	·966	·860	·839	·718	·714	·710	·713	·739	·785	·786	·770	·753	·733	·732	·752	·740	·732	·804
24	·758	·737	·728	·714	·725	·731	·724	·729	·756	·746	·737	·743	·750	·734	·722	·731	·747	·697	·705	·709	·714	·734	·752	·760	·733
25	·775	·731	·785	·836	·900	·901	·918	·891	·899	·895	·901	·863	·825	·731	·735	·762	·742	·687	·714	·723	·718	·734	·737	·758	·796
26	·773	·797	·825	·855	·843	·874	·833	·856	·903	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·866	·830	·798	·766	·748	·738	·752	·703	·707	·710	·722	·700	·723	·728	·749	·788
28	·744	·849	·826	·801	·884	·898	·882	·835	·779	·785	·691	·694	·658	·614	·700	·698	·717	·688	·700	·720	·737	·729	·778	·806	·762
29	·802	·843	·852	·884	·921	·888	·884	·858	·856	·822	·788	·770	·753	·724	·730	·755	·767	·792	·755	·737	·773	·759	·809	·803	·807
30	·782	·799	·839	·952	·954	·943	·935	·959	·960	·830	·901	·831	·861	·862	·866	·848	·819	·749	·749	·765	·718	·714	·784	·829	·850
Means.	·841	·860	·884	·901	·918	·921	·923	·919	·909	·877	·847	·839	·831	·817	·826	·829	·817	·793	·797	·800	·799	·817	·823	·831	·851

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily Means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. JULY 1852.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·60	0·70	0·77	0·80	0·66	0·83	0·81	0·80	0·79	0·79	0·79	0·80	0·81	0·87	0·83	0·78	0·72	0·66	0·50	0·51	0·48	0·46	0·43	0·53	0·707
2	·60	·89	78	·81	·60	80	·61	·61	·82	81	80	79	79	·74	·74	·69	·66	·69	·54	50	·47	·46	·48	55	·888
3	70	·75	76	·79	·83	·83	·55	·87	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·50	90	·90	·91	·87	·60	76	·69	·62	53	62	·43	·48	·58	62	·742
5	·84	·76	83	·84	·83	·85	·87	87	·86	86	85	·88	61	76	·73	·67	·60	·69	·57	·58	46	47	·47	45	·711
6	·48	·82	67	·73	·77	·76	·77	80	·81	·81	·80	·79	·79	76	89	·64	61	·58	·69	·48	46	·41	·41	36	·849
7	·89	44	·52	·60	69	68	71	71	·66	87	·65	65	·66	64	·63	69	61	·46	46	·46	·39	·89	·36	·39	·558
8	·63	·65	·85	·68	·71	·71	·71	·72	·71	·71	·71	69	88	65	63	·60	53	·56	48	45	42	·42	·45	55	·807
9	·80	80	·70	·75	·77	·76	·76	·79	79	·76	·73	·81	·90	·69	·76	·67	·61	·81	69	·57	67	·62	·56	62	·695
10	·86	·69	·73	·80	·60	·88	·85	83	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·80	·76	·79	·61	80	·60	·74	68	·58	58	·66	64	66	·56	60	·712
12	·59	59	·70	·76	·76	·81	·77	·78	·77	·77	77	·78	·60	78	·78	70	·65	60	·58	·50	·52	·57	·58	·65	·832
13	·56	60	·72	·77	·85	·73	·73	·77	·74	·75	·76	·77	·79	·81	·74	·67	·66	·55	·50	·48	·43	·47	·50	61	·653
14	·56	62	·67	·71	·72	76	77	·77	·76	·77	77	·80	·84	·67	·81	·76	·66	·60	·55	48	56	·56	·59	·60	·890
15	·61	85	·72	·78	·79	·81	·61	81	81	83	·84	·84	·85	·85	·78	70	·66	·59	·68	56	57	·55	58	·55	·709
16	·58	·83	·79	·76	·75	·61	·80	·76	·79	80	·81	·63	65	66	·81	·78	70	62	·56	53	·50	·50	·65	·60	·708
17	·86	68	·74	·79	·80	·82	81	·80	·81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·83	·65	·86	·88	·87	84	·76	66	60	60	·84	86	81	·59	·61	·788
19	·60	63	72	·74	·75	·77	·78	80	·80	·81	·82	·62	·63	·84	·88	75	·66	·81	57	69	57	59	·60	82	·712
20	·84	·70	·72	·75	·77	·77	77	·78	·76	·80	88	·84	·86	·88	·84	87	87	·66	73	·67	·89	·86	·70	·71	·788
21	·72	·79	79	·81	·83	·92	·91	·86	·92	92	·92	·86	·98	·85	·87	65	81	·78	·83	91	·91	·91	·89	90	·673
22	·86	·69	·91	·91	·91	·91	·92	·98	·90	·90	·69	·91	·94	92	91	61	·92	·87	·87	·85	80	·79	·75	·71	·879
23	·72	·77	·83	·88	·90	·90	·93	·92	92	92	·92	·92	·92	·93	96	69	86	·85	·76	·75	·74	·70	68	·88	·844
24	·76	63	·85	·88	·90	·88	·90	·90	·91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·51	·51	·58	·96	·92	·64	·77	·76	·66	62	·65	·54	·51	56	·62	·777
26	84	62	66	·65	·71	·72	·74	·74	·79	·80	·61	84	·88	·85	76	·70	·82	·51	·58	·57	60	·47	·48	·41	·670
27	·49	53	65	·75	·75	·76	·60	·80	·89	87	·55	85	86	·68	·65	82	·78	·70	·82	·61	·68	·67	67	89	·728
28	·61	·62	71	·70	·70	·73	·76	77	·77	·76	·79	·82	·56	79	·79	·77	71	·66	·59	·55	·54	·51	·54	56	·691
29	84	70	78	·79	·86	80	·63	84	64	65	86	·87	·89	·87	·86	·80	76	·76	·69	·69	·67	·71	·78	78	·784
30	·80	·84	·87	·87	·89	·94	90	·90	·89	·89	89	·89	·90	·91	·91	·85	81	77	66	·63	·63	·63	61	60	·812
Means.	·619	·875	·740	·772	·788	·804	811	·813	·817	·820	·619	826	·845	·836	·757	·747	·648	·849	·605	·510	864	·554	·506	·565	·796

TENSION OF THE ATMOSPHERIC VAPOUR. JULY 1852.

	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·884	0·906	0·941	0·916	0·862	0·870	0·855	0·849	0·840	0·840	0·840	0·840	0·847	0·906	0·877	0·886	0·840	0·884	0·836	0·767	0·775	0·761	0·769	0·842	0·846
2	837	881	·836	958	·938	·637	·930	·925	927	·911	·895	678	·860	·767	·787	·776	·769	·751	719	·726	·728	·706	750	·780	·837
3	·900	·879	·892	·816	·848	·842	·938	·944	949	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·937	·926	·928	·929	682	·844	880	·684	·841	·772	·787	775	·762	·659	·886	·863
5	885	·928	963	·837	·833	·836	·919	·916	·909	698	·877	·855	·832	·766	·789	·825	·785	·717	·807	883	·779	·776	·798	774	·853
6	·864	·887	·867	868	·832	·822	·824	·849	655	644	534	·822	·819	·769	·751	·756	773	·759	·645	·736	·733	697	·727	·635	·795
7	·665	·704	769	619	·866	·849	·863	·853	·801	·771	·742	·725	·707	·878	·695	·707	·872	·679	·873	·857	·863	·656	·666	679	·730
8	·720	·848	616	·839	660	·629	·883	·835	·804	·790	·776	·786	·735	·710	·707	·712	·713	·726	·717	·746	·735	·728	·764	·828	774
9	·856	869	·850	·787	·768	·764	·800	803	·604	·774	746	·615	·684	682	·855	·815	·791	·824	636	842	·676	·814	·670	·936	·833
10	·807	·923	·933	·858	·958	·867	·968	·857	·927	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·866	606	·808	·809	·806	·843	895	912	·812	·866	869	·891	·659	·886	947	·853
12	·860	·816	·853	·874	862	·878	·945	·947	·926	·920	·914	·909	·904	·849	·876	·887	·903	·651	·613	801	·871	930	·936	·687	·807
13	895	937	·978	·989	·781	842	848	850	·830	·835	·841	851	·860	·875	·639	·826	·856	·779	·758	·735	·735	·778	609	·814	·889
14	·762	·890	·507	·886	·866	963	·955	939	·910	903	·817	·828	·958	·974	·954	·957	·811	865	·838	·790	901	·917	·959	·835	814
15	·928	·833	·964	·983	·960	·950	·974	·857	931	·929	910	·809	·907	·883	·685	·695	·595	·648	·780	·905	·905	·886	·845	·899	·912
16	·892	·820	·952	·853	965	·986	·956	·918	·918	·818	·908	·813	918	·964	·831	·836	·867	·901	·881	861	632	888	·824	·525	·818
17	956	·927	·845	·971	·889	·977	·948	·827	·927	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·958	·865	·962	·976	·944	·947	·929	·925	·848	·886	946	·926	·907	·897	·920	·938
19	·864	·921	·891	·907	·815	·919	·928	·921	940	·946	·952	·946	·936	·911	·992	·936	·919	·882	·668	·895	·868	·871	·808	·926	·914
20	·918	·922	·924	·839	·943	·937	·928	·910	·911	·929	967	·960	·953	·826	·831	·869	855	·821	·886	·883	·919	·930	·928	·891	·818
21	·944	974	·852	948	·964	·989	·927	·929	898	·898	·818	897	·896	·898	·883	·933	·918	·812	·901	·879	·876	·839	·806	·889	·807
22	853	907	·814	·879	878	·879	·873	·881	856	662	·856	·876	·887	·876	·689	·878	·911	·696	·889	·888	·900	·848	·922	·946	·888
23	·805	·947	·861	·968	·879	·975	·971	·968	·939	·931	·924	·911	·898	·900	·897	·858	·897	·898	·687	·687	·834	·905	·686	·813	·921
24	·947	·878	·959	·879	·954	·978	·982	·976	·868	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·951	·967	·938	·966	·911	·805	·815	·928	·875	·670	·795	·827	·766	·837	·813	·918
26	·822	·870	870	·811	·637	639	·838	·816	830	·836	·843	·864	·884	·664	·822	·688	·799	·818	·778	·831	·776	·760	·765	·794	·823
27	775	827	897	·940	·809	·916	·897	·882	·885	868	·639	647	·854	·650	·648	·864	·885	·851	·715	·822	·837	·840	·825	827	·857
28	·915	·799	865	·641	828	·848	·849	·851	·830	·830	·830	·856	·879	·604	·800	·818	·804	·800	·778	·775	·758	·751	·829	·813	·821
29	·857	·875	640	·831	845	835	·876	·850	847	·847	·848	·858	·667	·857	·850	·846	649	·840	·822	·836	·815	·850	·892	·855	·651
30	·900	·914	·825	·813	·818	·908	·866	·666	658	847	·841	·840	·638	·640	·844	·822	·848	·578	·626	·831	·524	·649	·855	·797	·635
Means.	·887	·695	·907	·914	908	·910	·902	·896	686	·878	870	874	·676	·854	·848	·855	·855	·834	·820	·818	·826	·828	·841	·852	·867

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily Means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. AUGUST 1852.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
July 31st	0·88	0·72	0·77	0·76	0·79	0·76	0·79	0·77	0·79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·78	0·73	0·74	0·75	0·74	0·70	0·69	0·65	0·60	0·56	0·50	0·54	0·53	0·53	0·55	0·689
2	·84	·82	·65	·73	·76	·79	·82	·81	·78	·78	·79	·81	·82	·81	·72	·68	·60	·54	·84	·49	·50	·80	·81	·58	·671
3	·64	·58	·74	·71	·71	·74	·79	·80	·79	·80	·80	·81	·81	·80	·76	·71	·64	·60	·66	·54	·51	·56	·52	·63	·877
4	·53	·58	·78	·84	·84	·87	·88	·87	·65	·86	·84	·85	·85	·84	·77	·71	·65	·63	·67	·56	·64	·53	·51	·51	·719
5	·62	·61	·67	·77	·77	·78	·79	·81	·83	·85	·81	·50	·79	·80	·78	·71	·65	·69	·53	·58	·58	·54	·50	·58	·690
6	·55	·68	·77	·76	·77	·82	·83	·84	·84	·84	·84	·84	·84	·84	·84	·82	·74	·67	·59	·59	·55	·64	·54	·67	·730
7	·60	·61	·67	·73	·78	·81	·79	·80	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·87	·91	·91	·91	·59	·82	·74	·68	·65	·86	·85	·64	·80	·57	·87	·735
9	·60	·56	·67	·76	·78	·79	·86	·84	·84	·81	·77	·78	·79	·79	·78	·89	·68	·61	·57	·59	·63	·50	·50	·50	·690
10	·58	·58	·68	·69	·74	·74	·73	·67	·68	·70	·71	·73	·74	·74	·69	·67	·82	·80	·67	·56	·66	·62	·49	·49	·842
11	·60	·65	·65	·61	·64	·85	·67	·60	·74	·71	·71	·72	·73	·72	·67	·64	·64	·63	·53	·53	·47	·47	·46	·46	·602
12	·48	·49	·62	·62	·63	·85	·52	·53	·65	·65	·81	·61	·81	·64	·61	·62	·57	·53	·53	·49	·45	·44	·45	·46	·537
13	·47	·53	·66	·60	·63	·03	·65	·66	·60	·62	·83	·65	·86	·66	·62	·58	·55	·82	·81	·49	·60	·45	·46	·46	·370
14	·48	·49	·50	·87	·60	·88	·56	·67	·58	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·62	·68	·67	·67	·86	·66	·63	·81	·56	·84	·64	·53	·81	·50	·55	·876
16	·61	·83	·69	·73	·77	·82	·79	·72	·72	·74	·75	·75	·74	·78	·77	·72	·64	·67	·58	·56	·55	·58	·60	·85	·682
17	·67	·83	·65	·67	·70	·69	·68	·71	·71	·72	·72	·72	·71	·73	·73	·75	·75	·76	·71	·68	·86	·66	·67	·66	·692
18	·68	·79	·79	·84	·88	·82	·82	·83	·73	·80	·56	·86	·88	·87	·89	·85	·85	·82	·76	·72	·68	·60	·69	·57	·750
19	·63	·67	·68	·72	·75	·78	·75	·79	·77	·79	·80	·81	·82	·83	·83	·83	·60	·73	·69	·66	·66	·70	·83	·63	·744
20	·72	·74	·81	·83	·84	·85	·88	·84	·82	·88	·83	·83	·12	·80	·79	·76	·75	·73	·71	·69	·68	·63	·68	·69	·773
21	·69	·70	·70	·73	·78	·80	·82	·78	·75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·80	·82	·82	·82	·88	·82	·78	·72	·65	·86	·58	·56	·55	·55	·65	·717
23	·57	·70	·76	·78	·75	·80	·84	·81	·86	·87	·58	·58	·58	·88	·78	·74	·67	·58	·52	·50	·54	·56	·56	·87	·721
24	·59	·65	·69	·73	·78	·77	·78	·80	·79	·80	·81	·53	·58	·84	·82	·78	·70	·65	·58	·60	·55	·58	·61	·80	·710
25	·63	·68	·71	·74	·78	·77	·79	·77	·78	·76	·76	·80	·83	·84	·81	·72	·69	·65	·60	·68	·65	·64	·81	·63	·717
26	·65	·70	·76	·81	·81	·80	·80	·81	·85	·88	·84	·86	·87	·87	·86	·76	·70	·65	·63	·82	·62	·64	·84	·84	·750
27	·64	·69	·73	·77	·78	·72	·80	·80	·79	·60	·80	·62	·83	·85	·83	·78	·71	·63	·68	·89	·60	·61	·63	·66	·728
28	·64	·69	·78	·78	·80	·80	·81	·81	·79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·85	·91	·91	·91	·67	·89	·86	·85	·88	·86	·78	·70	·63	·87	·87	·719
30	·83	·73	·81	·80	·83	·84	·83	·87	·87	·87	·87	·88	·85	·87	·88	·78	·70	·84	·64	·69	·70	·68	·81	·64	·773
31	·88	·69	·72	·77	·80	·61	·80	·81	·82	·82	·81	·82	·83	·84	·83	·78	·77	·71	·89	·69	·82	·60	·80	·67	·748
Means.	·691	·640	·691	·734	·751	·766	·771	·772	·768	·779	·788	·797	·800	·801	·772	·731	·684	·688	·609	·594	·580	·571	·563	·574	·698

TENSION OF THE ATMOSPHERIC VAPOUR. AUGUST 1852.

	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
July 31st	0·830	0·864	0·860	0·851	0·876	0·861	0·839	0·826	0·870	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·794	0·758	0·762	0·767	0·747	0·700	0·790	0·796	0·722	0·734	0·786	0·751	0·770	0·770	0·782	0·791
2	·770	·825	·735	·612	·812	·831	·889	·823	·728	·799	·808	·811	·820	·801	·720	·744	·717	·710	·726	·690	·725	·748	·785	·791	·775
3	·758	·813	·821	·793	·784	·815	·860	·857	·843	·838	·834	·832	·831	·611	·754	·773	·768	·758	·758	·769	·760	·803	·785	·710	·804
4	·776	·828	·778	·852	·855	·883	·891	·861	·865	·854	·846	·847	·848	·833	·784	·788	·768	·767	·749	·778	·768	·769	·781	·793	·816
5	·794	·883	·878	·974	·943	·885	·894	·898	·900	·878	·858	·844	·882	·828	·810	·778	·753	·778	·807	·801	·840	·889	·810	·847	·851
6	·869	·960	·882	·988	·924	·897	·902	·911	·905	·901	·892	·859	·872	·873	·880	·891	·875	·868	·818	·838	·811	·809	·823	·853	·858
7	·847	·845	·865	·895	·913	·956	·920	·923	·934	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·928	·923	·914	·905	·885	·839	·844	·816	·828	·870	·885	·912	·895	·872	·851	·888
9	·928	·806	·851	·926	·905	·883	·967	·937	·929	·877	·826	·820	·816	·804	·789	·771	·788	·778	·783	·835	·821	·778	·788	·774	·841
10	·817	·871	·903	·898	·931	·897	·872	·710	·782	·793	·804	·755	·787	·778	·747	·782	·780	·777	·793	·781	·770	·784	·797	·781	·811
11	·775	·828	·765	·802	·804	·796	·797	·797	·804	·797	·790	·758	·786	·765	·720	·746	·659	·713	·734	·756	·710	·738	·753	·748	·787
12	·729	·717	·707	·698	·690	·693	·688	·657	·668	·883	·701	·683	·665	·894	·663	·894	·704	·896	·728	·721	·735	·705	·685	·725	·696
13	·718	·763	·762	·779	·780	·770	·771	·772	·711	·730	·730	·735	·738	·726	·693	·707	·727	·734	·736	·741	·768	·720	·724	·740	·740
14	·742	·738	·718	·772	·789	·784	·756	·724	·718	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·739	·761	·763	·765	·745	·733	·740	·754	·746	·749	·753	·776	·785	·753	·813	·754
16	·848	·838	·886	·918	·928	·971	·829	·810	·780	·787	·795	·791	·787	·794	·771	·776	·768	·748	·779	·768	·788	·759	·846	·812	·819
17	·921	·857	·807	·798	·807	·788	·771	·804	·799	·792	·785	·777	·770	·788	·780	·770	·798	·817	·819	·786	·822	·815	·848	·819	·805
18	·851	·948	·905	·931	·911	·900	·900	·914	·784	·805	·827	·814	·802	·801	·834	·832	·844	·845	·822	·837	·856	·789	·781	·766	·845
19	·794	·826	·808	·837	·852	·856	·785	·831	·809	·807	·808	·805	·811	·827	·824	·818	·823	·820	·827	·818	·827	·860	·889	·810	·821
20	·885	·844	·871	·868	·867	·877	·878	·862	·818	·818	·819	·812	·805	·786	·772	·774	·791	·792	·794	·808	·799	·774	·813	·815	·820
21	·801	·792	·774	·785	·807	·835	·833	·802	·797	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·804	·811	·810	·809	·818	·803	·774	·768	·760	·771	·789	·772	·786	·803	·792	·794
23	·805	·851	·874	·907	·857	·902	·928	·905	·909	·906	·903	·899	·895	·886	·778	·811	·789	·775	·718	·715	·763	·815	·857	·841	·847
24	·853	·862	·850	·859	·876	·883	·880	·893	·873	·870	·867	·863	·859	·855	·862	·878	·876	·869	·824	·747	·824	·879	·897	·870	·860
25	·881	·871	·870	·878	·877	·887	·896	·841	·820	·803	·788	·802	·815	·803	·811	·808	·857	·868	·839	·818	·825	·808	·865	·883	·855
26	·885	·903	·914	·935	·921	·818	·894	·884	·881	·855	·850	·853	·857	·839	·855	·896	·875	·863	·891	·903	·889	·913	·907	·900	·885
27	·898	·898	·873	·858	·898	·898	·902	·886	·867	·858	·849	·851	·854	·862	·872	·879	·877	·885	·808	·860	·850	·881	·892	·909	·874
28	·870	·881	·914	·917	·918	·919	·928	·907	·857	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·848	·839	·832	·828	·808	·836	·832	·854	·855	·903	·881	·836	·849	·862	·819	·868
30	·843	·868	·856	·890	·914	·903	·872	·907	·882	·859	·830	·825	·820	·806	·797	·805	·808	·807	·857	·839	·858	·837	·820	·853	·847
31	·829	·825	·810	·832	·842	·849	·835	·831	·833	·828	·819	·816	·814	·827	·823	·800	·834	·817	·830	·867	·834	·835	·808	·861	·834
Means.	·827	·844	·836	·861	·864	·862	·858	·847	·828	·824	·819	·818	·813	·807	·788	·792	·794	·790	·797	·802	·806	·812	·818	·819	·822

* The numbers in these Columns are not observed; but interpolated for the sake of obtaining the daily Means

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HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. SEPTEMBER 1852.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·79	0·84	0·87	0·89	0·89	0·89	0·91	0·91	0·88	0·89	·91	0·91	0·91	0·89	0·87	0·79	0·73	0·67	0·63	0·58	0·57	0·54	0·53	0·52	0·784
2	·49	·70	·76	·82	·83	·87	·67	·87	·83	·82	·83	·84	·84	·85	·82	·73	·66	·60	·56	·53	·50	·51	·48	·45	·712
3	·52	·51	·59	·64	·73	·75	·72	·74	·74	·76	·78	·77	·75	·75	·74	·69	·65	·61	·55	·50	·47	·46	·46	·48	·640
4	·49	·55	·61	·63	·63	·65	·68	·70	·72	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·73	·84	·86	·87	·87	·84	·73	·63	·54	·51	·51	·50	·54	·54	·60	·659
6	·66	·72	·77	·79	·80	·82	·83	·82	·84	·86	·83	·90	·92	·91	·87	·78	·67	·63	·57	·60	·59	·62	·61	·60	·752
7	·60	·68	·71	·72	·75	·79	·81	·79	·79	·79	·80	·81	·82	·84	·81	·80	·70	·66	·61	·54	·57	·67	·61	·62	·720
8	·63	·70	·75	·75	·78	·79	·83	·84	·86	·86	·87	·87	·87	·86	·85	·84	·90	·77	·66	·59	·73	·66	·60	·63	·770
9	·67	·73	·78	·78	·82	·84	·89	·89	·92	·91	·90	·90	·90	·90	·87	·85	·80	·77	·71	·67	·63	·72	·73	·74	·805
10	·76	·80	·85	·84	·85	·84	·89	·89	·88	·89	·90	·91	·91	·88	·90	·89	·87	·84	·81	·71	·69	·66	·69	·78	·830
11	·82	·90	·93	·92	·93	·92	·91	·94	·95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·92	·90	·91	·91	·90	·88	·84	·78	·75	·71	·67	·67	·75	·75	·78	·847
13	·81	·87	·90	·92	·90	·93	·92	·90	·98	·69	·91	·90	·89	·91	·91	·90	·86	·77	·75	·67	·66	·63	·67	·68	·835
14	·76	·83	·82	·81	·82	·83	·88	·91	·92	·93	·93	·94	·94	·90	·87	·81	·76	·68	·64	·64	·61	·58	·60	·59	·788
15	·61	·66	·74	·77	·78	·82	·83	·87	·83	·83	·84	·85	·86	·84	·82	·80	·70	·67	·60	·58	·58	·56	·56	·59	·738
16	·58	·62	·65	·65	·71	·72	·72	·73	·83	·83	·84	·85	·86	·86	·88	·71	·69	·64	·61	·56	·54	·52	·48	·48	·688
17	·50	·58	·62	·66	·67	·67	·73	·73	·73	·75	·77	·80	·81	·78	·71	·71	·66	·62	·57	·55	·51	·49	·48	·45	·650
18	·48	·54	·62	·67	·69	·69	·70	·74	·76	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·75	·75	·75	·75	·74	·71	·67	·63	·60	·55	·54	·54	·53	·53	·53	·644
20	·63	·73	·75	·77	·78	·78	·78	·79	·84	·84	·84	·83	·82	·79	·73	·68	·63	·58	·58	·54	·52	·53	·52	·58	·703
21	·64	·71	·76	·79	·80	·80	·81	·81	·84	·83	·83	·83	·83	·85	·84	·78	·75	·69	·59	·55	·53	·49	·54	·60	·729
22	·58	·73	·76	·79	·81	·79	·81	·82	·84	·83	·83	·85	·87	·87	·86	·83	·74	·63	·51	·51	·49	·49	·59	·65	·728
23	·69	·73	·81	·81	·82	·83	·79	·79	·82	·83	·84	·86	·88	·88	·84	·78	·66	·57	·52	·51	·49	·45	·46	·52	·716
24	·59	·66	·72	·75	·77	·81	·83	·83	·86	·86	·87	·88	·88	·88	·86	·72	·63	·57	·54	·50	·43	·47	·45	·46	·703
25	·54	·65	·73	·75	·76	·77	·79	·80	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	..	·83	·93	·84	·84	·85	·86	·79	·72	·67	·57	·57	·54	·52	·58	·64	·719
27	·65	·73	·78	·82	·84	·85	·85	·85	·86	·85	·85	·85	·84	·86	·84	·78	·72	·67	·64	·61	·62	·66	·65	·65	·763
28	·66	·73	·76	·77	·79	·80	·82	·81	·82	·81	·80	·81	·82	·86	·86	·78	·75	·71	·70	·65	·65	·62	·60	·62	·750
29	·67	·74	·76	·78	·85	·85	·84	·84	·84	·85	·86	·87	·87	·87	·84	·82	·77	·72	·65	·67	·63	·67	·62	·57	·771
30	·61	·69	·74	·75	·79	·83	·83	·85	·86	·86	·86	·88	·90	·91	·87	·85	·76	·69	·62	·64	·67	·64	·61	·66	·765
Means.	·032	·705	·752	·771	·792	·807	·818	·825	·837	·840	·848	·857	·860	·858	·835	·782	·723	·666	·614	·584	·578	·576	·575	·598	·739

TENSION OF THE ATMOSPHERIC VAPOUR. SEPTEMBER 1852.

	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·868	0·874	0·878	0·887	0·887	0·906	0·924	0·921	0·886	0·890	0·891	0·884	0·871	0·858	0·867	0·872	0·867	0·848	0·845	0·811	0·837	0·767	0·828	0·788	0·866
2	·741	·841	·847	·871	·967	·916	·957	·839	·867	·863	·858	·856	·855	·859	·868	·834	·819	·790	·772	·760	·745	·779	·729	·750	·853
3	·755	·722	·766	·793	·871	·870	·839	·844	·829	·828	·847	·813	·800	·791	·778	·772	·768	·767	·744	·716	·710	·706	·706	·717	·780
4	·713	·776	·795	·806	·771	·782	·754	·752	·760	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·847	·904	·902	·900	·878	·873	·837	·778	·737	·741	·778	·803	·854	·838	·896	·816
6	·940	·944	·952	·965	·961	·978	·980	·955	·973	·978	·983	·985	·988	·970	·858	·953	·833	·875	·836	·869	·888	·837	·881	·864	·931
7	·860	·881	·877	·872	·853	·927	·921	·896	·889	·883	·886	·832	·879	·895	·878	·894	·857	·870	·861	·816	·833	·836	·882	·879	·881
8	·882	·909	·912	·871	·860	·863	·900	·904	·905	·896	·883	·880	·875	·853	·847	·855	·905	·914	·871	·814	·871	·909	·842	·866	·875
9	·849	·871	·902	·852	·904	·904	·861	·848	·847	·843	·838	·840	·843	·837	·837	·907	·913	·917	·877	·883	·873	·913	·898	·900	·876
10	·901	·926	·955	·941	·934	·914	·949	·932	·919	·923	·904	·899	·854	·860	·846	·862	·870	·909	·918	·861	·914	·858	·902	·854	·901
11	·813	·869	·899	·809	·928	·888	·869	·853	·855	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·878	·870	·869	·869	·845	·860	·903	·900	·896	·889	·909	·907	·868	950	·855	·887
13	·895	·838	·944	·951	·937	·951	·927	·888	·884	850	·845	·840	·836	·850	·869	·884	·908	·906	·862	·915	·917	851	·933	·850	·893
14	·878	·889	·877	·840	·838	·931	·914	·933	·927	·914	·900	·856	·892	·866	·842	·829	·864	·865	·837	·856	·841	·818	·847	·836	·872
15	·822	·848	·880	·882	·869	·904	·858	·918	·858	·852	·845	·850	·855	·824	808	·819	·802	·824	·788	·779	·797	·803	·809	·839	·840
16	·843	·833	·822	·797	·833	·824	·816	·813	·901	·888	·875	·870	·865	·854	·843	·801	·834	·818	·810	·774	·737	·776	·736	·710	·821
17	·751	·783	·793	·817	·811	·791	·812	·832	·827	·828	·829	·835	·841	·778	·716	·745	·741	·741	·738	·742	·731	·714	·712	·714	·777
18	·706	·725	·772	·753	·789	·777	·786	·816	·820	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·807	·783	·781	·769	·758	·731	·751	·776	·780	·743	·764	·800	·785	·779	·779	·774
20	·850	·898	·887	·907	·966	·900	·892	·887	·935	·920	·905	·889	·874	·845	·817	·799	·785	·783	·811	·768	·754	·756	802	·842	·852
21	·860	·886	·903	·924	·928	·923	·927	·917	·935	·918	·901	·882	·864	·863	·881	·886	·904	·853	·756	·773	·759	·723	·824	·858	·871
22	·815	·929	·928	·935	·932	·917	·917	·922	·945	·933	·921	·917	·913	·894	·902	·938	·902	·833	·702	·728	·717	·758	·873	·964	·880
23	·965	·932	·987	·954	·952	·954	·901	·851	·919	·920	·920	·917	·914	·896	·8.3	·896	·832	·757	·731	·745	·746	·6.9	·725	·812	·860
24	·837	·862	·885	·829	·920	·928	·949	·933	·940	·935	·930	·922	·914	·907	·893	·785	·753	·745	·732	·725	·717	·730	·727	·728	·845
25	·821	·875	·889	·899	·878	·883	·890	·884	·883	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·882	·901	895	·890	·899	·909	·816	·895	·875	·720	·804	·742	·803	·802	·820	·873
27	·901	·929	·942	·958	·869	·966	·960	·953	·954	·940	·925	·915	·905	·908	·911	·896	·882	·886	·856	·838	·892	·835	·914	·906	·918
28	·864	·858	·910	·903	·917	·916	·929	910	·922	·907	·852	·831	·771	·853	·852	·899	·912	·906	·951	·924	·926	·860	·829	·846	·850
29	·892	·907	·916	·922	·984	·871	·961	·940	·936	·895	·854	·851	·848	·837	·820	·867	·898	·893	·842	·840	·910	·909	·858	·777	·890
30	·813	·851	·872	·876	·893	·933	·917	·938	·926	·919	·911	·915	·920	·917	·900	·869	·947	·931	·888	·924	·862	·930	·859	·855	·909
31																									
Means.	·840	·869	·884	·890	·897	·904	·901	·856	·865	·850	·884	·878	·871	·861	·852	·859	·854	·844	·822	·816	·823	·824	·830	·836	·863

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily Means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. OCTOBER 1852.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras, Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·88	0·73	0·78	0·79	0·81	0·83	0·86	0·86	0·87	0·88	0·89	0·91	0·93	0·91	0·94	0·78	0·74	0·89	0·83	0·64	0·64	0·65	0·65	0·88	0·778
2	·67	·72	·76	·80	·83	·83	·85	·85	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·88	·83	·83	·83	·90	·91	·84	·72	·64	·65	·65	·68	·66	·65	·65	·778
4	·88	·71	·73	·76	·78	·80	·83	·84	·84	·83	·85	·87	·83	·89	·89	·81	·73	·67	·65	·63	·65	·85	·65	·67	·762
5	·83	·73	·74	·78	·77	·81	·84	·88	·85	·83	·90	·92	·94	·92	·85	·81	·74	·67	·62	·63	·80	·59	·60	·65	·765
6	·84	·68	·67	·69	·71	·71	·73	·73	·79	·80	·81	·83	·83	·88	·80	·76	·72	·64	·68	·67	·86	·86	·85	·84	·754
7	·87	·89	·86	·88	·86	·82	·90	·89	·91	·93	·94	·95	·93	·93	·93	·93	·97	·95	·91	·80	·82	·94	·93	·86	·907
8	·86	·98	·91	·91	·94	·93	·67	·87	·83	·90	·92	·93	·93	·94	·94	·91	·93	·97	·92	·92	·92	·94	·93	·98	·919
9	·91	·91	·94	·95	·95	·92	·95	·95	·97	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·97	·96	·94	·92	·89	·83	·80	·73	·76	·73	·72	·71	·71	·73	·73	·860
11	·71	·77	·83	·83	·86	·87	·87	·88	·87	·88	·89	·91	·92	·94	·92	·83	·82	·83	·77	·72	·74	·73	·74	·75	·830
12	·78	·80	·84	·85	·88	·89	·90	·90	·92	·93	·94	·92	·90	·91	·84	·86	·82	·74	·72	·73	·73	·72	·72	·72	·835
13	·73	·81	·85	·85	·85	·87	·89	·91	·91	·91	·91	·93	·94	·98	·98	·88	·79	·77	·75	·72	·72	·73	·78	·73	·837
14	·74	·79	·82	·86	·88	·90	·91	·90	·90	·91	·93	·93	·94	·95	·92	·86	·80	·77	·74	·69	·70	·85	·68	·70	·827
15	·75	·79	·83	·86	·85	·86	·87	·87	·86	·88	·89	·90	·90	·93	·89	·81	·77	·75	·71	·69	·87	·80	·83	·83	·825
16	·82	·85	·85	·83	·87	·89	·89	·90	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·91	·95	·95	·94	·96	·91	·84	·83	·81	·79	·73	·77	·76	·78	·75	·859
18	·78	·85	·87	·87	·87	·83	·87	·92	·92	·93	·93	·94	·94	·98	·94	·93	·91	·86	·90	·87	·84	·84	·86	·87	·885
19	·88	·92	·91	·94	·94	·97	·94	·94	·94	·94	·94	·98	·97	·98	·95	·91	·86	·85	·87	·79	·77	·76	·81	·80	·887
20	·94	·97	·99	·96	·98	·91	·92	·94	·94	·96	·97	·98	·93	·97	·96	·99	·97	·98	·95	·93	·95	·95	·93	·94	·953
21	·94	·94	·94	·94	·98	·94	·91	·94	·93	·93	·93	·93	·91	·94	·94	·89	·84	·79	·79	·80	·77	·77	·80	·77	·884
22	·88	·90	·90	·92	·91	·92	·86	·91	·91	·86	·81	·88	·93	·87	·91	·90	·81	·84	·79	·76	·78	·78	·78	·78	·855
23	·80	·88	·89	·90	·92	·90	·91	·95	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·90	·92	·93	·94	·94	·92	·87	·83	·83	·82	·78	·74	·73	·73	·73	·858
25	·78	·84	·87	·89	·90	·90	·92	·93	·95	·95	·94	·93	·90	·93	·91	·88	·81	·81	·80	·74	·73	·69	·74	·73	·853
26	·78	·81	·86	·90	·92	·93	·94	·94	·94	·98	·97	·98	·98	·97	·95	·89	·81	·78	·75	·74	·74	·74	·74	·70	·865
27	·80	·83	·86	·85	·90	·90	·92	·91	·91	·91	·91	·92	·93	·97	·92	·90	·82	·77	·75	·73	·74	·74	·73	·73	·849
28	·77	·81	·82	·84	·86	·87	·89	·88	·87	·89	·90	·91	·92	·95	·94	·86	·83	·79	·75	·74	·73	·71	·72	·71	·830
29	·73	·78	·80	·80	·81	·85	·87	·88	·89	·92	·95	·93	·94	·94	·90	·88	·82	·79	·74	·70	·70	·74	·71	·71	·824
30	·73	·82	·83	·85	·85	·88	·88	·88	·90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	·91	·92	·95	·97	·96	·96	·95	·92	·93	·86	·85	·83	·86	·90	·89	·834
Means.	·779	·826	·844	·859	·870	·874	·884	·850	·858	·907	·913	·923	·937	·933	·915	·888	·821	·783	·771	·750	·749	·787	·785	·765	·843

TENSION OF THE ATMOSPHERIC VAPOUR. OCTOBER 1852.

Day	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·870	0·884	0·910	0·914	0·920	0·925	0·934	0·914	0·913	0·931	0·929	0·934	0·940	0·923	0·874	0·887	0·909	0·902	0·904	0·897	0·919	0·931	0·931	0·919	0·913
2	·892	·883	·807	·928	·937	·925	·907	·877	·853	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·878	·870	·865	·860	·888	·900	·908	·871	·841	·869	·847	·877	·893	·869	·843	·833
4	·823	·829	·813	·826	·822	·830	·829	·820	·799	·757	·795	·799	·804	·908	·839	·837	·845	·818	·871	·840	·838	·851	·839	·847	·834
5	·840	·840	·829	·849	·838	·849	·848	·838	·833	·849	·868	·873	·851	·857	·828	·853	·860	·824	·812	·825	·818	·804	·817	·840	·842
6	·754	·805	·768	·785	·800	·793	·808	·785	·833	·830	·825	·828	·823	·818	·785	·776	·809	·785	·787	·820	·848	·854	·801	·793	·807
7	·802	·806	·770	·803	·799	·802	·753	·769	·771	·783	·753	·800	·806	·837	·810	·822	·829	·849	·881	·850	·879	·902	·900	·885	·824
8	·854	·915	·894	·905	·923	·900	·861	·858	·853	·868	·871	·861	·853	·847	·839	·846	·872	·901	·848	·820	·815	·820	·830	·825	·863
9	·813	·780	·809	·813	·828	·846	·849	·849	·854	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·880	·907	·893	·883	·864	·850	·807	·834	·890	·880	·854	·901	·910	·895	·895	·880
11	·847	·853	·856	·877	·903	·916	·906	·916	·889	·887	·888	·893	·898	·901	·848	·941	·929	·973	·949	·911	·933	·957	·968	·951	·911
12	·938	·922	·931	·925	·941	·936	·923	·904	·906	·904	·902	·884	·866	·863	·855	·908	·931	·871	·895	·899	·927	·918	·929	·913	·910
13	·899	·929	·938	·918	·910	·918	·912	·918	·900	·857	·854	·905	·919	·930	·953	·921	·915	·939	·938	·927	·959	·956	·949	·937	·934
14	·915	·920	·906	·914	·911	·922	·911	·903	·887	·892	·897	·898	·893	·912	·853	·915	·924	·912	·902	·869	·927	·879	·942	·931	·909
15	·976	·945	·959	·955	·943	·930	·919	·912	·857	·907	·918	·920	·922	·941	·912	·896	·929	·948	·955	·935	·951	·992	·948	·901	·927
16	·897	·907	·898	·849	·868	·880	·874	·885	·850	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·847	·813	·848	·817	·867	·863	·846	·870	·898	·901	·913	·948	·931	·941	·904	·882
18	·917	·937	·946	·937	·943	·912	·913	·937	·919	·909	·900	·901	·902	·918	·924	·935	·908	·911	·857	·891	·859	·830	·855	·853	·909
19	·884	·894	·881	·901	·902	·940	·908	·908	·904	·901	·898	·904	·910	·927	·904	·884	·902	·953	·950	·919	·914	·929	·927	·882	·910
20	·850	·867	·828	·832	·859	·811	·783	·820	·820	·808	·796	·771	·746	·753	·729	·750	·743	·734	·752	·768	·754	·753	·743	·762	·795
21	·758	·787	·769	·772	·781	·789	·754	·770	·782	·759	·756	·760	·763	·804	·841	·867	·880	·843	·908	·939	·945	·948	·963	·914	·824
22	·923	·953	·945	·962	·981	·982	·850	·854	·854	·840	·786	·831	·877	·902	·840	·856	·895	·987	·915	·933	·936	·938	·950	[illegible]	·906
23	·937	·942	·951	·950	·968	·950	·951	·921	·916	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·921	·928	·921	·918	·901	·887	·907	·902	·922	·929	·941	·936	·924	·918	·899	·926
25	·867	·916	·924	·930	·922	·926	·931	·928	·935	·931	·927	·941	·938	·964	·871	·857	·901	·937	·932	·938	·911	·908	·939	·905	·920
26	·900	·899	·911	·925	·923	·920	·912	·901	·902	·913	·924	·919	·913	·901	·905	·930	·930	·947	·927	·932	·959	·948	·944	·93[illegible]	·921
27	·927	·913	·909	·916	·919	·901	·901	·889	·871	·870	·883	·874	·880	·911	·897	·947	·924	·831	·890	·901	·919	·918	·899	·889	·901
28	·847	·849	·870	·831	·873	·871	·871	·854	·835	·833	·831	·837	·843	·863	·887	·881	·900	·913	·904	·893	·879	·879	·877	·863	·872
29	·851	·855	·843	·843	·845	·853	·861	·880	·864	·878	·888	·891	·873	·867	·880	·851	·900	·907	·877	·853	·859	·888	·863	·884	·867
30	·840	·898	·899	·900	·851	·851	·902	·835	·850	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	·873	·834	·883	·873	·866	·878	·837	·971	·864	·859	·831	·817	·859	·898	·883	·874
Means.	·874	·883	·890	·895	·890	·890	·878	·873	·869	·868	·868	·869	·871	·873	·863	·890	·883	·888	·888	·889	·894	[illegible]	·894	·883	·881

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily Means.

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HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. NOVEMBER 1852.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m 10.41	h. m 11.41	h. m 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m 17.41	h. m 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m 0.41	h. m 1.41	h. m. 2.41	h. m 3.41	
1	0·86	0·83	0·84	0·84	0·84	0·85	0·85	0·85	0·84	0·83	0·81	0·81	0·81	0·20	0·80	0·73	0·71	0·71	0·69	0·71	0·67	0·65	0·66	0·68	0·778
2	·70	·73	·74	·73	·74	·75	·75	·76	·76	·77	·78	·79	·79	·77	·76	·69	·67	·64	·64	·67	·68	·68	·70	·74	·726
3	·79	·81	·83	·81	·78	·81	·80	·79	·80	·80	·80	·83	·85	·84	·89	·86	·84	·88	·90	·84	·77	·77	·75	·77	·817
4	·77	·80	·82	·81	·85	·81	·82	·82	·83	·87	·90	·91	·91	.95	·92	·85	·82	·79	·79	·75	·80	·80	·76	·82	·832
5	·84	·89	·90	·95	·96	·93	·91	·93	·96	·96	·95	·94	·93	·93	·93	·87	·83	·83	·78	·68	·71	·78	·85	·89	·877
6	·89	·90	·87	·85	·85	·86	·88	·90	·92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·93	·94	·94	·98	·93	·92	·88	·85	·81	·80	·79	·76	·80	·76	·75	·863
8	·75	·79	·82	·84	·85	·89	·89	·93	·93	·94	·94	·93	·92	·88	·87	·83	·81	·77	·74	·72	·69	·66	·65	·67	·821
9	·70	·74	·77	·80	·82	·84	·85	·87	·87	·89	·90	·90	·89	·89	·87	·79	·81	·73	·74	·70	·70	·75	·75	·73	·804
10	·73	·75	·78	·78	·81	·83	·84	·84	·88	·88	·88	·90	·91	·89	·86	·73	·70	·69	·61	·71	·67	·66	·67	·66	·780
11	·67	·72	·77	·74	·75	·76	·77	·82	·83	·84	·85	·83	·91	·94	·91	·89	·82	·77	·75	·76	·75	·72	·73	·74	·795
12	·77	·83	·83	·83	·83	·84	·83	·85	·85	·87	·88	·88	·88	·91	·91	·89	·87	·82	·87	·89	·84	·83	·81	·82	·852
13	·83	·87	·87	·88	·91	·90	·91	·91	·96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·91	·86	·86	·85	·87	·84	·81	·74	·72	·72	·69	·68	·71	·69	·68	·820
15	·70	·75	·77	·77	·77	·77	·78	·81	·84	·85	·86	·87	·83	·90	·88	·85	·73	·74	·73	·72	·69	·67	·71	·74	·785
16	·74	·77	·78	·78	·85	·87	·90	·91	·91	·93	·94	·94	·93	·94	·93	·91	·87	·85	·81	·85	·79	·79	·75	·87	·859
17	·88	·89	·94	·93	·94	·94	·94	·94	·89	·90	·90	·91	·91	·90	·93	·89	·86	·87	·79	·86	·88	·90	·84	·85	·859
18	·86	·88	·90	·92	·91	·89	·87	·87	·89	·88	·86	·86	·85	·85	·88	·81	·83	·80	·85	·83	·94	·89	·79	·79	·863
19	·81	·85	·85	·86	·87	·88	·88	·87	·87	·88	·89	·89	·88	·88	·89	·89	·84	·75	·72	·71	·69	·90	·68	·69	·822
20	.78	·77	·79	·79	·81	·81	·84	·86	·90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·93	·95	·95	·94	·92	·93	·88	·80	·69	·68	·64	·65	·65	·66	·67	·800
22	·69	·70	·77	·79	·79	·79	·80	·84	·83	·83	·82	·83	·82	·83	·86	·85	·79	·68	·64	·63	·61	·65	·63	·62	·753
23	·65	·69	·71	·70	·69	·71	·71	·73	·77	·80	·82	·83	·84	·87	·87	·85	·80	·73	·66	·62	·61	·60	·60	·61	·728
24	·63	·67	·68	·68	·68	·68	·70	·74	·81	·84	·87	·89	·90	·88	·86	·72	·66	·59	·58	·54	·56	·57	·57	·59	·704
25	·62	·61	·63	·61	·60	·61	·62	·62	·65	·66	·67	·71	·74	·71	·71	·64	·62	·63	·60	·61	·64	·64	·63	·64	·643
26	·68	·69	·71	·77	·79	·76	·75	·77	·78	·84	·89	·88	·87	·89	·93	·90	·89	·89	·87	·83	·78	·77	·79	.77	·812
27	.77	·77	·80	·83	·82	·81	·81	·81	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·83	·79	·79	·78	·83	·86	·86	·82	·82	·80	.80	·82	·80	·81	·85	·815
29	·88	·86	·89	·89	·91	·91	·93	·97	·95	·96	·96	·96	·96	·91	·94	·92	·87	·85	·80	·89	·84	·80	·81	·82	·894
30	·90	·82	·89	·90	·91	·91	·92	·94	·92	·94	·96	·96	·96	·97	·96	·94	·89	·85	·88	·78	·78	·80	·82	·86	·892
Means.	·762	·784	·806	·811	·820	·823	,829	·844	·858	·868	·872	·873	·878	·880	·879	·836	·803	·765	·745	·741	·731	·730	·737	·743	·809

TENSION OF THE ATMOSPHERIC VAPOUR. NOVEMBER 1852.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	Ih.	In.	In.	In.	In.
1	0·865	0·834	0·846	0·840	0·841	0·839	0·848	0·848	0·846	0·831	0·797	0·792	0·787	0·780	0·790	0·785	0·791	0·832	0·831	0·837	0·832	0·782	0·794	0·795	0·820
2	·796	·789	·784	·761	·767	·777	·777	·780	·769	·771	·773	·776	·779	·750	·761	·741	·744	·743	·756	·810	·822	·809	·807	·807	·777
3	·828	·812	·809	·805	·776	·786	·784	·779	·783	·785	·782	·775	·769	·841	·785	·794	·795	·809	·835	·887	·863	·855	·831	·835	·811
4	·845	·841	·839	·811	·844	·815	·817	·815	·818	·803	·788	·736	·785	·821	·814	.808	·820	·838	·838	·887	·869	·861	·836	·868	·826
5	·857	·861	·798	·815	·823	·829	·829	·816	·823	·822	·821	·818	·806	·807	·804	·802	·820	·871	·855	·777	·806	·820	·860	·850	·824
6	·806	·843	·837	·825	·822	·827	·832	·842	·850	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·833	·814	·805	·796	·796	.798	·804	·823	·843	·879	·881	·872	·864	·859	·819	·832
8	·801	·800	·816	·828	·828	·845	·820	·834	·830	·857	·914	·851	·788	·752	·760	·770	·808	·798	·792	·797	·769	·740	·723	·781	·802
9	·743	·739	·748	·761	·769	·779	·776	·774	·789	·778	·758	·757	·756	·751	·750	·759	·778	·748	·782	·767	·780	·817	·837	·831	·770
10	·770	·773	·777	·783	·801	·816	·829	·820	·836	·828	·821	·820	·820	·797	·777	·751	·704	·733	·663	·791	·763	·761	·773	·760	·782
11	·750	·757	·788	·787	·745	·750	·751	·791	·786	·798	·795	·809	·823	·845	·840	·862	·874	·883	·865	·901	·913	.878	·899	·896	·822
12	·898	·892	·863	·866	·834	·842	·843	·848	·836	·822	·809	·806	·804	·841	·863	·871	·833	·813	·857	·820	·829	·841	·875	·864	·847
13	858	·825	·829	·836	·846	·837	·839	·831	·850	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·838	·826	·810	·795	·808	·758	·776	·787	·802	·752	·768	·779	·789	·770	·748	.809
15	·743	·752	·755	·740	·729	·736	·735	·753	·772	·759	·747	·737	·727	·787	·781	·748	·751	·743	·768	·796	·755	·753	·768	·778	·751
16	·762	·766	·764	·769	·773	·775	·758	·759	·803	·811	·820	·805	·791	·758	·809	·824	·830	·853	·881	·906	·881	·890	·848	·858	·818
17	·800	·854	·852	·858	·892	·890	·889	,892	·862	·864	·866	·867	·868	·843	·858	·861	·879	·801	·810	·859	·860	·888	·874	·854	·869
18	·865	·868	·863	·870	·869	·858	·841	·843	·867	·847	·827	·825	·823	·817	·818	·811	·831	·812	·821	·879	·887	·893	·847	·854	·846
19	·837	·840	·832	·823	·821	·830	·809	·802	·800	·804	·803	·752	·777	·769	·780	·809	·824	·792	·780	·780	·756	·768	·753	·745	·797
20	·753	·758	·764	·755	·763	·755	·767	·778	·793	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·788	·733	·776	·770	·733	·776	·764	·791	·715	·748	·723	·746	·738	·734	·729	·759
22	.733	·705	·751	·768	·758	·755	·753	·767	·765	·757	·749	·730	·712	·712	·726	·769	.781	·715	·720	·707	·689	·714	·687	·659	·732
23	·672	·701	·705	·623	·675	·677	·672	·683	·705	·710	·715	·715	·715	·729	·729	·769	·782	·759	·722	·695	·691	·662	·655	·655	·704
24	·649	·671	·666	·660	·651	·631	·630	·653	·687	·701	·716	·724	·732	·727	·722	·663	·686	·632	·637	·622	·624	·641	·639	·636	·667
25	·646	·622	·619	·591	·585	·588	596	·550	·614	·622	·630	·649	·669	·660	·678	·635	·645	·679	·665	·699	·708	·712	·703	·707	·647
26	·713	·717	·731	·734	·732	·740	·739	·752	·750	·758	·766	·747	·729	·756	·765	·787	·790	·841	·881	·864	·855	·836	·860	·826	·779
27	·797	·724	·805	·821	·822	·812	·809	·817	·828	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·790	·752	·745	·738	·768	·793	·798	·815	·803	·850	·867	·871	·853	·852	·869	·811
29	·868	·849	·855	·848	·845	·845	·845	·854	·830	·824	·819	·815	·812	·813	·830	·836	·835	·848	·830	·855	·903	·903	·881	·859	·846
30	·905	·810	·861	·862	·869	·861	·871	·876	·843	·841	·839	·831	·824	·827	·828	·838	·850	·877	·870	·802	·851	·857	·870	·881	·854
Means.	·795	·789	·792	·788	·788	·788	·788	·794	·797	·793	·790	·788	·777	·780	·784	·787	·797	·792	·789	·807	·807	·805	·801	·796	·792

* The numbers in these Columns are not observed but interpolated for the sake of obtaining the daily Means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. DECEMBER 1852.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·89	0·90	0·91	0·94	0·88	0·94	0·92	0·99	0·96	0·97	0·98	0·97	0·96	0·95	0·95	0·94	0·91	0·89	0·90	0·91	0·91	0·89	0·90	0·91	0·928
2	·94	·95	·95	·99	·94	·92	.92	·98	·93	·96	·98	·98	·98	·56	·92	·86	·83	·81	·76	·73	·72	·71	·71	·73	·880
3	·75	·81	·83	·83	·85	·86	·87	·86	·89	·92	·94	·94	·94	·96	·96	·87	·82	·77	·74	·78	·75	·80	·77	·79	·846
4	·80	·83	·88	·92	·93	·94	·96	·95	·95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·94	·92	·93	·93	·94	·98	·91	·89	·84	·80	·78	·80	·79	·78	·79	·880
6	·80	·84	·87	·87	·87	·87	·90	·93	·96	·96	·95	·96	·96	·96	·93	·92	·87	·84	·78	·77	·76	·76	·74	·77	·888
7	·79	·83	·86	·89	·88	.90	·90	·89	·91	·98	·95	·95	·94	·98	·95	·90	·89	·80	·78	·76	·74	·70	·69	·73	·855
8	·76	·80	·85	·87	·89	·91	·93	·91	·90	·92	·94	·98	·97	·97	·94	·92	·80	·75	·70	·69	·66	·66	·64	·67	·835
9	·70	·76	·79	·84	·87	·89	·91	·91	·91	·94	·96	·96	·95	·93	·92	·91	·89	·84	·82	·75	·71	·69	·66	·69	·842
10	·76	·81	·82	·85	·86	·87	·88	·91	·91	·92	·93	·95	·96	·97	·96	·89	·86	·84	·88	·77	·72	·75	·78	·74	·854
11	·78	·81	·84	·83	·83	·85	·87	·89	·91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·92	·93	·94	·95	·93	·91	·87	·77	·74	·69	·77	·80	·75	·88	·89	·848
13	·87	·91	·91	·91	·92	·89	·89	·85	·85	·86	·87	·86	·85	·85	·83	·78	·73	·73	·72	·68	·87	·67	·64	·68	·808
14	·73	·74	·74	·73	·73	·71	·73	·76	·74	·78	·81	·84	·86	·83	·82	·81	·78	·73	·62	·60	·60	·58	·59	·66	·729
15	·64	·68	·74	·74	·77	·79	·80	·79	·81	·84	·86	·86	·86	·87	·86	·81	·78	·70	·67	·61	·57	·58	·60	·59	·742
16	·64	·70	·74	·75	·75	·77	·79	·78	·83	·85	·86	·86	·86	·85	·82	·81	·78	·71	·72	·69	·64	·70	·69	·77	·765
17	·78	·80	·80	·80	·77	·79	·81	·82	·79	·79	·79	·82	·85	·87	·92	·91	·90	·90	·89	·88	·81	·81	·79	·85	·831
18	·85	·88	·84	·85	·85	·86	·88	·87	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·88	·88	·91	·94	·97	·92	·91	·91	·89	·74	·73	·72	·73	·73	·72	·847
20	·72	·76	·78	·80	·81	·82	·84	·87	·87	·86	·84	·86	·87	·87	·90	·84	·81	·77	·71	·66	·66	·63	·63	·61	·783
21	·60	·72	·79	·80	·81	·82	·82	·83	·87	·89	·91	·98	·95	·93	·79	·80	·77	·72	·73	·68	·70	·70	·71	·72	·791
22	·73	·73	·77	·79	·81	·81	·82	·84	·86	·85	·85	·86	·86	·90	·91	·93	·92	.85	·84	·83	·77	·77	·76	·88	·828
23	·83	·82	·81	·82	·81	·81	·80	·80	·83	·86	·88	·91	·93	·94	.93	·91	·88	·79	·73	·73	·67	·89	·70	·70	·815
24	·66	·70	·75	·73	·78	·79	·78	·81	·84	·85	·85	·89	·92	·89	.86	·74	·67	·66	·66	·66	·70	·72	·71	·69	·762
25	·66	·67	·69	·89	·70	·69	·69	·71	·73	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·78	·82	·83	·84	·86	·85	83	·80	·72	·72	·69	·66	·68	·68	·72	·738
27	·72	·79	·84	·87	·83	·85	·86	·86	·85	·84	·83	·84	·84	·87	·87	·84	·77	·73	·63	·60	·63	·62	.65	·65	·778
28	·86	·70	·73	·75	·75	·77	·77	·79	·81	·82	·83	·83	·83	·82	·81	·77	·72	·66	·65	·66	·66	·64	·66	·71	·742
29	·70	·75	·80	·82	·84	·84	·86	·88	·90	·89	·88	·88	·88	·84	·81	·80	·76	·75	·72	·72	·89	·70	·70	.73	·797
30	·76	·80	·85	·86	·88	·89	·89	·90	·91	·92	·93	·93	·98	·94	·95	·92	·87	·83	·82	·73	·89	·67	·67	·71	·844
31	·77	·81	·82	·84	·83	·85	·85	.89	·93	·94	·94	·95	·96	·95	·92	·91	·87	·81	·76	·73	·69	·67	·67	·61	.832
Means.	·751	·789	·815	·829	·830	·841	·849	·860	·871	·884	·893	·904	·910	·910	·894	·863	·823	·780	·745	·726	·708	·706	·707	·728	·817

TENSION OF THE ATMOSPHERIC VAPOUR. DECEMBER 1852.

	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In	In.	In.
1	0·864	0,849	0,842	0,878	0,844	0,869	0·865	0·888	0·846	0·857	0·829	0·836	0·824	0·815	0·835	0·847	0·869	0·855	0·843	0·840	0·840	0·806	0·816	0·811	0·845
2	·812	·815	·813	.881	·852	·854	·843	·844	·844	·847	·850	·838	·823	·798	·783	·734	·718	·732	·722	·743	·736	·701	·708	·713	·791
3	·780	·731	·741	·789	·745	·740	·738	·735	·766	·780	·795	·794	·794	·802	·807	·788	·783	·781	·788	·840	·792	·833	·818	·831	·779
4	·835	·828	·845	·875	·880	·889	·892	·883	·874	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·851	·829	·826	·823	·821	·830	·868	·903	·905	·900	·874	·824	·907	·904	·889	·865
6	·869	·869	·871	·861	·840	·832	·852	·863	·879	·871	·863	·858	·852	·856	·834	·851	·862	·877	·862	·881	·878	·804	·884	·852	·863
7	·859	·857	·865	·879	·877	·885	·879	·864	·869	·873	·877	·873	·869	·878	·876	·898	·909	·887	·880	·874	·844	·802	·776	·813	·865
8	·827	·836	·846	·869	·858	·861	.883	·830	·810	·815	·820	·826	·832	·827	·814	·857	·782	·792	·754	·751	·749	·733	·718	·737	·808
9	·734	·748	·754	·788	·808	·814	·825	·818	·806	·816	·824	·823	·832	·812	·804	·817	·839	·846	·856	·820	·778	·763	·718	·739	·799
10	·779	·750	·795	·822	·818	·809	·795	·827	·813	·816	·818	·810	·803	·800	·753	·785	·806	·833	·843	·814	·780	·798	·784	·781	·805
11	·797	·798	·807	·786	·768	·782	·800	·806	·807	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·814	·822	·822	·822	·818	·801	·808	·784	·771	·725	·786	·761	·720	·773	·774	·790
13	·760	·776	·778	·778	·810	·788	·782	·758	·771	·786	·802	·793	·785	·792	·772	·741	·728	·760	·750	·716	·713	·712	·679	·692	·760
14	·718	·704	·698	·676	·678	·660	·666	·680	·668	·688	·709	·712	·715	·676	·670	·687	·699	·694	·621	·616	·626	·609	·621	·858	·673
15	618	·640	·688	·672	·676	·830	·674	·668	·679	·677	·676	·666	·656	·657	·647	·652	·662	·851	·608	·622	·585	·603	·616	·595	·651
16	·625	·651	·864	·667	·864	·671	·679	·665	·685	·681	·878	·868	·658	·651	·843	·652	·664	·654	·688	·704	·689	·707	·681	·725	·672
17	·725	·735	·726	·730	·728	·754	·773	·771	·745	·736	·728	·731	·735	·730	·767	·761	·746	·751	·743	·777	.775	·775	·754	·789	·749
18	·790	.802	·769	·779	·779	·786	·781	·778	·778	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·771	·764	·779	·794	·787	·768	·749	·742	·764	·714	·707	·706	·691	·710	·684	·756
20	·680	.690	·694	·705	·699	·699	·702	·725	·718	·696	·675	·677	·680	·658	·672	·673	·687	·695	·693	.670	·678	·645	·646	·824	·682
21	·586	·866	·894	·691	·692	·693	·688	·692	·708	·710	·712	·706	·700	·675	·572	·617	·647	·643	·693	·667	·723	·735	·731	·713	·681
22	·690	·658	·661	·672	·681	·882	·683	·694	·693	·683	·674	·876	·678	·700	·710	·736	·756	·761	·754	.764	·739	·743	·741	·773	·708
23	·764	·740	·729	·736	·726	·725	·712	·710	·725	·732	·739	·739	·740	·744	·733	·736	·714	·707	·668	·700	·685	[illegible]	·700	·674	·720
24	·615	·628	·649	·623	·737	·651	·658	·673	·676	·675	·675	·678	·681	·662	·841	·599	·601	·619	·636	·659	.696	·726	·727	[illegible]	·662
25	·636	·622	·628	·624	·828	·614	·619	·633	·636	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·639	·643	·635	·628	·837	·630	·631	·658	·659	·681	·871	·647	·673	·867	·683	·643
27	·680	·708	·719	·723	·687	·682	·686	·656	·653	·654	·648	·644	·843	·660	·666	·806	·657	·663	·602	·532	·828	·613	·610	·612	·659
28	·619	·608	·617	·615	·808	·607	·604	·612	·608	·805	·802	·593	·585	·581	·578	·572	·573	·563	·598	·634	·638	·635	·650	·632	.607
29	·847	·667	·679	·685	·686	·691	·698	·700	·886	·662	·639	·637	·635	·610	·594	·614	·650	·656	·705	.721	·724	·729	·736	·744	·676
30	·747	.755	·768	·768	·761	·762	·767	·746	·758	·751	·747	.740	·788	·745	·751	·769	·789	·800	·819	.777	.745	·738	·728	·753	·759
31	.790	·790	·766	768	·765	·761	.743	·769	·791	·780	·769	·764	·769	·748	·724	·740	·774	·778	·767	·769	·745	·740	·734	·656	·758
Means.	·733	·739	·745	·751	·752	·751	·761	·752	·752	.750	·748	·746	·743	·738	·729	·735	·741	·745	·740	·740	·730	·731	·728	·730	·742

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily Means.

DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. JANUARY 1852.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction.
Madras Mean Time.	P. M. h. m. 4.41.	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	0	0	0	30	31	2	3	6	2	3	3	6	2	25	28	29	0	4	4	4	4	5	5	5	17	NNE
2	3	3	3	3	3	3	4	3	30	0	0	0	0	0	0	0	1	2	5	5	5	5	5	5	22	NNE
3	5	2	2	4	6	4	4	4	4	4	4	5	30	23	29	30	4	4	4	3	3	3	3	3	27	NNE
4	3	3	3	6	3	3	3	2	1	1	2	5	5	6	2	2	5	3	6	3	3	3	2	2	26	NNE
5	3	2	1	1	31	31	31	31	31	31	1	1	1	0	2	2	5	2	2	1	1	1	1	6	5	NbyE
6	3	3	5	0	0	1	0	0	1	0	0	31	28	28	23	29	31	4	4	4	4	5	6	3	5	NbyE
7	4	4	3	3	5	4	5	5	6	6	3	5	6	31	28	30	3	6	6	0	3	6	5	6	45	NE
8	6	6	4	5	5	4	5	6	3	0	0	0	30	30	30	30	31	5	5	5	5	5	4	4	29	NEbyN
9	5	3	4	4	4	4	5	6	7	6	0	0	0	0	0	5	5	3	4	4	5	4	4	5	40	NE
10	5	6	6	6	5	6	5	4	4	4	4	2	6	2	2	6	4	6	7	6	6	6	6	6	52	EbyN
11	5	4	3	3	6	3	3	6	6	6	31	31	31	31	31	4	4	5	5	3	7	7	8	6	57	EbyN
12	6	3	5	5	4	4	4	6	5	5	5	3	5	6	3	29	22	29	29	29	29	30	31	31	25	NNE
13	6	3	7	7	7	7	6	6	4	2	2	2	6	2	6	2	2	4	5	6	7	6	7	7	45	NE
14	6	4	6	5	3	1	31	31	31	31	31	27	27	27	23	27	27	31	29	14	5	8	8	8	10	NbyE
15	7	9	6	8	5	3	5	5	25	25	25	23	23	23	26	20	18	6	7	5	11	9	10	10	158	SSE
*16	11	11	11	11	11	12	8	9	2	21	21	21	21	21	— Disorder.			—	—	—	—	—	—	—	?	?
17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	?	
*18	—	—	—	—	—	—	—	— Disorder.		—	—	—	—	—	—	—	—	15	12	14	14	15	13	12	?	?
19	3	6	8	8	6	6	5	22	23	23	25	23	25	22	21	21	21	16	10	10	3	7	6	3	158	SSE
20	5	4	5	5	5	6	6	5	6	5	5	5	26	23	23	23	23	5	5	6	3	5	4	4	15	NNE
21	6	6	7	8	5	8	5	5	5	0	0	0	0	0	27	27	28	6	6	6	6	3	6	6	43	NE
22	3	7	9	10	9	8	8	8	8	2	5	5	0	0	0	31	7	10	8	9	10	10	3	[illegible]	73	ENE
23	7	7	7	7	7	7	7	7	7	7	7	20	30	20	21	31	21	12	10	9	3	3	5	8	124	SEbyE
24	3	6	5	8	6	6	4	4	4	4	4	5	5	6	3	3	4	4	4	4	5	6	5	5	45	NE
25	5	3	2	6	1	1	1	1	1	31	31	30	30	30	30	4	3	4	4	5	5	4	4	4	61	ENE
26	3	3	3	3	5	3	6	3	6	3	1	28	28	28	28	29	0	5	5	6	6	5	5	5	22	NNE
27	3	3	6	3	6	3	4	4	4	4	0	27	27	27	27	27	30	1	6	7	7	6	5	5	30	NEbyN
28	3	2	2	2	1	1	6	2	3	1	1	31	23	23	24	24	25	27	4	5	6	6	4	4	1	N
*29	6	4	4	3	3	5	3	3	26	25	22	25	23	25	23	31	30	20	18	16	16	11	10	10	?	?
30	16	16	13	16	15	10	11	11	11	12	13	12	12	12	12	12	12	15	12	9	5	7	5	4	128	SEbyE
31	5	3	3	7	3	3	4	1	1	1	0	25	28	28	29	22	0	3	5	6	5	5	5	5	63	NEbyE
Hourly Means.	° 53 NEbE	° 55 NEbE	° 54 NEbE	° 51 NEbE	° 49 NE	° 50 NE	° 49 NE	° 58 NEbE	° 56 NEbE	° 46 NE	° 43 NE	° 67 EbN	° 23 NNE	° 16 NbE	° 16 NbE	° 18 NNE	° 34 NEbN	° 30 NE	° 56 NEbE	° 63 ENE	° 64 ENE	° 56 NEbE	° 52 NEbE	° 67 NEbE	° 46	NE
No. of Observations with the wind in each quarter: N W	0	0	0	1	2	1	2	3	5	6	4	8	9	11	12	13	7	3	5	1	1	1	1	1	93	Obs. NW
S W	0	0	0	0	0	0	0	1	1	6	3	5	7	7	6	5	5	1	1	1	0	0	0	0	45	" SW
S E	3	5	5	6	7	7	3	6	4	1	1	1	1	1	1	1	1	6	6	6	5	5	5	6	100	" SE
N E	26	24	23	22	20	21	21	21	19	21	21	15	12	10	9	9	13	19	21	21	20	22	22	22	453	" NE

* The Observations of 16, 18 and 29th are rejected from the Hourly and Daily Means.

FORCE OF THE WIND. JANUARY 1852.

	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·15	0·05	0·00	0·02	0·00	0·07	0·07	0·02	0·00	0·02	0·00	0·00	0·00	0·00	0·02	0·02	0·10	0·25	0·30	0·50	0·45	0·37	0·40	0·20	0·18
2	·20	·15	·07	·07	·10	·07	·05	·05	·06	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·27	·40	·40	·20	·20	·10
3	·25	·20	·05	·10	·12	·07	·12	·17	·15	·20	·15	·16	·05	·02	·00	·00	·17	·15	·25	·30	·37	·35	·35	·25	·17
4	·20	·15	·20	·15	·15	·16	·10	·10	·07	·05	·12	·20	·16	·20	·22	·20	·17	·15	·60	·25	·25	·60	·17	·15	·17
5	·15	·07	·05	·02	·02	·00	·00	·00	·00	·00	·02	·02	·05	·02	·05	·10	·15	·25	·30	·70	1·02	·70	·60	·65	·21
6	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·12	·15	0·15	·10	·07	·05	·03
7	·07	·05	·00	·00	·00	·02	·05	·05	·05	·02	·00	·00	·00	·00	·00	·00	·05	·15	·15	·12	·17	·20	·15	·07	·06
8	·05	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·12	·10	·07	·07	·05	·03
9	·05	·05	·02	·00	·00	·00	·00	·02	·02	·02	·00	·00	·00	·00	·00	·02	·05	·07	·07	·10	·07	·12	·15	·15	·04
10	·10	·07	·05	·05	·05	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·07	·10	·12	·10	·12	·07	·04
11	·07	·07	·02	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·07	·10	·15	·15	·17	·15	·12	·05
12	·07	·05	·02	·05	·02	·02	·02	·05	·05	·05	·02	·00	·00	·00	·00	·02	·10	·12	·15	·15	·20	·20	·10	·07	·06
13	·05	·05	·02	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·12	·15	·15	·15	·12	·04
14	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·02	·02	·05	·05	·05	·05	·01
15	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·05	·07	·07	·07	·10	·12	·12	·03
*16	·07	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	Disorder.		—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
*18	—	—	—	—	Disorder.		—	—	—	—	—	—	—	—	—	—	—	·06	·05	·07	·07	·07	·10	·12	—
19	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·07	·10	·10	·05	·02	·02
20	·00	·02	·02	·05	·05	·02	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·02	·07	·07	·10	·10	·12	·07	·03
21	·07	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·07	·10	·12	·12	·15	·03
22	·07	·07	·02	·02	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·07	·10	·12	·12	·10	·10	·04
23	·10	·07	·02	·00	·02	·05	·05	·05	·02	·02	·02	·00	·00	·00	·00	·00	·00	·05	·05	·07	·10	·10	·15	·15	·04
24	·12	·10	·05	·02	·05	·02	·05	·05	·02	·00	·00	·00	·00	·00	·00	·00	·07	·10	·10	·07	·07	·07	·10	·07	·04
25	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·10	·15	·15	·12	·15	·12	·04
26	·10	·07	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·15	·10	·12	·10	·15	·15	·05
27	·12	·10	·07	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·10	·12	·15	·15	·10	·04
28	·10	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·02	·05	·05	·07	·05	·07	·05	·02
29	·07	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·05	·07	·05	·02	·07	·07	·12	·05
30	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·12	·07	·02	·02	·02
31	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·12	·15	·17	·27	·25	·20	·05
Means.	0·09	·05	·03	·02	·02	·02	·02	·02	·01	·01	·01	·01	·01	·01	·01	·02	·04	·07	·11	·15	·19	·17	·16	·13	·06

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of 16 and 18th are rejected from the Hourly and daily Means.

DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. FEBRUARY 1852.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	4	4	4	2	2	2	2	30	30	30	30	30	30	30	30	30	0	1	1	1	1	1	1	2	6	NbyE
2	2	2	2	2	2	0	0	31	28	28	28	28	28	28	28	29	31	3	3	3	4	4	4	4	20	NNE
*3	4	4	4	4	3	3	3	3	8	3	8	2	29	29	Board Stopped.			—	—	—	—	—	—	—	?	?
4	3	3	3	4	4	4	5	5	7	6	8	8	0	28	28	29	31	3	5	8	5	5	5	5	89	NEbyN
5	3	2	2	2	2	2	2	4	4	0	30	30	29	29	29	23	29	1	4	6	5	5	4	4	15	NbyE
6	4	4	4	4	4	4	4	4	4	2	1	1	1	1	30	31	1	4	5	6	6	7	7	7	38	NEbyN
7	6	6	6	5	5	5	5	5	5	5	24	24	24	24	24	24	23	20	20	31	1	1	2	2	349	Nbyw
8[4]	6	6	6	6	7	8	8	8	8	20	20	20	20	20	20	20	20	12	8	9	8	8	7	6	132	SE
*9	6	6	6	5	5	5	5	5	1	0	0	0	0	23	23	25	2	4	5	5	6	7	7	6	?	?
10	7	8	8	8	8	8	8	8	0	27	27	27	27	27	27	24	25	4	7	8	7	7	8	7	81	NEbyN
11	6	6	5	6	7	8	7	7	1	1	31	31	24	24	24	27	30	4	8	6	5	5	5	4	28	NNE
12	4	4	5	4	8	4	4	5	5	5	4	28	28	28	29	29	30	3	5	5	4	4	3	3	25	NNE
13	4	5	5	5	6	6	6	5	5	5	0	0	29	29	29	29	31	5	7	6	6	6	5	5	37	NEbyN
14	4	4	4	5	7	7	7	6	6	5	4	27	27	27	27	28	29	30	30	5	4	4	5	4	23	NNE
15	5	5	5	5	5	28	28	28	28	28	28	28	28	28	28	27	28	5	6	7	7	8	7	7	324	NWbyN
16	4	4	4	4	4	4	4	4	4	4	2	27	28	21	29	30	1	3	4	4	4	4	4	4	25	NNE
17	4	4	4	4	4	4	4	3	3	8	1	0	31	31	0	1	2	4	5	5	5	5	5	6	35	NEbyN
18	4	4	4	4	4	4	4	4	4	8	31	0	31	1	1	1	1	3	4	4	5	4	4	5	33	NEbyN
19	4	4	4	4	4	4	4	4	2	2	2	30	28	28	28	0	2	4	7	7	7	7	7	7	34	NEbyN
*20	7	8	6	6	6	6	6	3	8	3	0	0	30	29	15	22	21	19	16	15	10	10	9	10	?	?
21[3]	12	12	12	12	12	12	12	12	12	25	25	25	24	20	16	22	21	21	20	12	12	11	10	9	182	S
*22	8	9	8	7	8	7	8	9	9	9	31	27	27	23	13	23	20	5	5	5	4	4	4	8	?	?
23	5	5	6	6	6	8	8	29	29	27	27	27	27	27	28	28	28	3	5	7	6	5	7	7	20	NNE
*24	8	8	8	8	8	8	7	7	8	12	27	27	27	27	27	27	27	3	6	10	9	10	10	10	?	?
25[2]	11	12	12	12	12	12	12	12	12	15	17	20	25	26	27	28	26	23	12	8	9	10	10	10	176	S
26[3]	10	11	11	11	11	12	12	12	12	13	13	17	21	21	21	20	17	15	14	9	9	10	10	11	152	SSE
27[3]	12	12	12	12	13	12	12	12	13	22	22	21	21	20	16	16	17	17	13	11	13	12	12	12	155	SbyE
28[4]	13	13	13	13	13	13	13	13	22	22	22	22	22	21	21	20	19	17	12	12	12	12	12	12	180	S
29[3]	13	13	13	13	13	14	14	14	15	15	16	16	16	16	17	17	15	14	12	12	12	12	12	12	157	SSE
Hourly Means. No. 1.	° 48 NE	° 49 NE	° 50 NE	° 49 NE	° 51 NEbE	° 47 NE	° 46 NE	° 36 NEbN	° 24 NNE	° 14 NbE	° 353 Nbw	° 335 NNW	° 320 NW	° 320 NW	° 319 NW	° 325 NWbN	° 340 NNW	° 24 NNE	° 44 NE	° 58 NEbE	° 54 NEbE	° 55 NEbE	° 55 NEbE	° 65 bE	° 23 NNE	° 0
Hourly Means. No. 2.	124 SEbE	127 SEbE	127 SEbE	127 SEbE	129 SEbE	133 SE	133 SE	138 SE	151 SSE	214 SWbS	217 SWbS	227 SW	241 SWbW	231 SWbW	222 SW	230 SW	217 SWbS	193 SbW	146 SEbS	117 ESE	103 EbS	121 SEbE	117 ESE	15 ESE	162 SSE	69 ENE
No. of Observations, with the wind in each Quarter. N W	0	0	0	0	0	1	1	4	4	7	13	15	21	19	17	17	13	1	1	1	0	0	0	0	135.	obs. N W
S W	0	0	0	0	0	0	0	0	1	2	4	6	5	8	8	8	8	7	3	0	0	0	0	0	60	,, S W
S E	8	9	9	8	9	11	10	9	8	5	2	1	0	0	1	0	1	2	7	11	9	10	9	8	147	,, S E
N E	21	20	20	21	20	17	18	16	16	15	10	7	8	2	2	8	6	18	17	16	19	18	19	20	344	,, N E

* The Observations of 3,9,20,22 & 24th are rejected from the hourly and daily means.

FORCE OF THE WIND. FEBRUARY 1852.

	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·25	0·20	0·07	0·00	0.00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0.00	0·00	0·05	0·15	0·20	0·15	0·15	0·20	0·22	0·27	0·25	0·09
2	·27	·20	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·15	·20	·20	·15	·20	·25	·20	·08
* 3	·15	·10	·07	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	Board Stopped.			—	—	—	—	—	—	—	?
4	·20	·20	·15	·10	·10	·05	·05	·05	·07	·03	·02	·05	·00	·00	·00	·02	·07	·07	·07	·10	·12	·15	·10	·12	·08
5	·15	·17	·07	·02	·05	·05	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·05	·03	·07	·10	·12	·15	·15	·15	·06
6	·15	·12	·07	·07	·05	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·10	·12	·12	·15	·20	·20	·06
7	·12	·07	·05	·03	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·02	·05	·10	·10	·15	·15	·04
8	·07	·05	·02	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·07	·10	·15	·15	·10	·03
9	.05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	.10	·05	·07	·07	·07	·05	·02
10	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·10	·10	·07	·07	·05	·02
11	·05	·02	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	.00	·00	·00	·03	·05	·05	·07	·07	·10	·05	·02
12	·07	·05	·02	·02	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·02	·02	·05	·10	·07	·12	·15	·15	·03
13	·15	·07	·05	·02	-02	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·07	·07	·10	·15	·12	·04
14	·07	·07	·02	·02	·02	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·05	·07	·10	·10	·15	·12	·04
15	·07	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·05	·05	·07	·12	·15	.15	·03
16	·12	·10	·05	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·10	·10	·12	·15	·15	·15	·15	·05
17	·20	·15	·10	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·10	·10	·15	·20	·17	·20	·15	·20	·15	·08
18	·10	·15	·07	·05	·02	·02	·02	·00	·00	·00	·00	·00	·02	·07	·05	·03	·02	·00	·00	·00	·07	·15	·15	·15	·05
19	·15	·12	·05	·02	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·03	·02	·00	·00	·07	.15	·17	·15	.04
20	·10	·05	·03	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·02	·07	·10	·12	·10	·03
21	·12	·07	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·02	·05	·07	·05	·07	·10	·12	·15	·12	·04
22	·07	·05	·05	·05	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·07	·07	·10	·15	·15	·04
23	·15	·10	·05	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·07	·10	·10	·15	·15	·04
24	·05	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·05	·07	·05	·05	·05	·02
25	·05	·02	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·07	·07	·10	·10	·02
26	·05	·05	·02	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·02	·05	·07	·07	·05	·05	·02
27	·07	·05	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·05	·05	·05	·07	·10	·10	·15	·12	·03
28	·15	·07	·05	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·05	·07	·10	·15	·15	·20	.20	·20	·06
29	·20	·17	·10	·05	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	·00	·00	·05	·12	·20	·27	·32	·30	·30	·20	·05
Means.	0·12	·09	·04	·02	·02	·01	·00	.00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·05	·07	·09	·11	·13	·15	·13	·04

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of 3rd are rejected from the hourly means.

DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. MARCH 1852.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction.
Madras Mean Time.	P. M. h. m. 4. 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	12	12	12	11	11	12	12	13	12	24	24	22	24	24	24	22	14	13	12	[illegible]	12	13	12	12	173	sbye
2	13	13	13	12	12	12	12	13	12	24	24	24	24	25	13	17	12	12	15	12	12	12	12	12	173	sbye
3	12	12	12	12	12	13	13	14	14	12	19	19	21	20	20	12	12	17	15	13	12	12	12	13	167	sbye
4	12	12	12	12	12	12	12	13	13	14	17	17	12	16	15	15	18	16	16	13	12	12	13	13	157	sse
5	15	13	13	13	12	12	11	11	12	12	12	12	20	20	20	19	16	17	13	12	12	12	12	13	156	sse
6	12	12	12	12	12	12	12	11	11	12	12	12	14	17	15	19	19	15	13	12	13	12	13	12	150	sebys
7	14	14	14	14	14	14	14	14	12	20	20	20	20	30	20	16	12	13	13	12	12	12	12	15	170	sbys
8	13	12	12	12	12	11	11	12	12	12	12	12	15	13	14	14	13	13	12	12	10	10	10	•12	136	se
9	10	10	10	10	10	10	20	20	20	20	20	20	20	15	21	21	20	12	10	10	10	10	10	10	154	sbye
10	10	10	10	12	12	12	20	20	21	21	20	20	20	20	18	21	20	13	12	10	12	12	12	12	173	sbye
11	12	12	12	11	11	12	12	12	13	16	12	12	16	16	15	21	13	12	12	11	12	12	11	11	150	sebye
12	12	12	12	12	11	10	10	10	10	10	10	10	25	22	25	27	23	10	10	9	10	2	2	10	?	?
13	11	12	12	12	12	12	13	13	13	15	12	16	17	22	22	24	16	11	11	11	10	10	2	10	155	sse
14	10	10	10	10	10	10	9	10	10	12	12	12	12	13	14	17	17	17	13	10	10	9	10	9	129	sebys
15	10	10	9	9	9	9	10	10	10	11	11	12	12	12	13	12	11	11	10	10	10	10	10	10	118	ese
16	12	12	11	10	10	9	10	10	10	10	15	20	20	20	21	21	10	10	9	9	10	10	10	10	140	se
17	10	10	10	11	11	10	10	10	11	11	11	26	26	25	17	22	20	15	12	11	10	10	10	10	154	sse
18	10	10	10	10	11	12	12	12	11	12	12	23	12	14	10	11	15	16	15	15	15	14	12	10	145	sebys
19	10	9	9	7	5	2	7	8	9	2	2	2	9	28	17	12	13	10	5	7	6	5	2	6	?	?
20	12	12	12	12	12	13	12	12	12	12	12	12	12	12	12	13	12	13	20	21	21	5	2	7	145	sebys
21	8	9	10	10	11	11	11	11	11	11	13	14	14	22	22	20	19	15	16	12	12	12	12	12	151	sebys
22	12	12	11	11	11	11	11	11	12	12	12	13	12	14	14	15	15	13	13	12	11	11	11	11	137	se
23	12	13	13	13	13	12	12	13	13	14	15	16	15	19	19	20	15	14	12	12	11	12	3	3	150	sebys
24	2	2	2	2	2	2	2	2	10	10	10	12	12	12	22	21	5	5	5	2	2	5	2	5	97	ebys
25	13	13	12	12	13	14	15	15	17	17	15	15	17	12	19	20	21	21	21	21	21	7	10	11	180	s
26	12	11	11	12	11	12	12	13	12	15	15	17	19	20	17	17	20	21	21	10	11	11	11	11	162	sse
27	12	11	10	10	10	10	11	13	13	12	12	12	19	19	16	15	15	13	11	10	10	12	12	10	150	sebys
28	12	12	11	11	11	10	12	12	12	12	12	12	12	12	13	17	14	13	12	12	12	13	13	13	139	se
29	13	12	13	12	12	15	13	13	13	12	16	15	14	12	16	21	21	16	13	12	12	12	12	13	160	sse
30	14	14	14	14	14	14	14	15	15	15	20	20	20	20	20	17	16	15	14	12	12	12	12	12	173	sbye
31	12	12	12	12	12	13	13	12	13	14	15	15	15	16	16	12	19	18	15	12	11	11	11	11	156	sse
Hourly Means.	130° se	125° sebe	128° sebe	128° sebe	128° sebe	129° se	129° se	143° sebs	147° sebs	164° sbe	172° s	153° sbw	192° sbw	201° ssw	194° sbw	206° ssw	172° s	164° sbe	150° sebs	134° se	133° se	123° sebe	121° sebe	120° sebs	158°	sse

No. of Observations with the wind in each Quarter.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
N W	0	0	0	0	0	0	0	0	0	0	0	0	4	6	2	2	1	0	0	0	0	0	0	0	12 Obs. NW
S W	0	0	0	0	0	0	2	2	5	10	14	12	15	16	20	23	12	13	6	2	2	0	0	0	167 ,, SW
S E	30	30	21	29	30	30	28	29	26	21	17	12	13	9	9	6	11	17	23	27	27	28	25	27	537 ,, SE
N E	1	1	0	2	1	1	1	0	0	0	0	0	0	0	0	0	1	1	2	2	2	3	3	4	25 ,, NE

FORCE OF THE WIND. MARCH 1852.

	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·17	0·10	0·02	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·05	0·07	0·10	0·12	0·15	0·15	0·16	0·04
2	·12	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·10	·12	·15	·20	·20	25	·26	·07
3	·12	·10	·05	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·17	·25	·20	·20	·22	·22	25	·20	·05
4	·25	·25	·07	·07	·12	·15	·12	·07	·00	·00	·00	·00	·00	·00	·00	·07	·15	·16	·17	·15	·20	·25	·27	27	·12
5	·12	·02	·00	·02	·00	·02	·10	·10	·02	·00	·00	·00	·00	·00	·00	·05	·10	·17	·15	·20	·22	·35	·20	·17	·09
6	·20	·12	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·12	·12	20	·25	·20	·15	·15	·07
7	·12	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·02	·15	·15	·20	·12	·15	·15	·12	·16	·06
8	·12	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·10	·12	·16	·15	·15	[illegible]	·04
9	·12	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·12	·12	·10	·15	·20	·15	·05
10	·15	·10	·05	·00	·00	·00	·00	00	·00	·00	·00	·00	·00	00	·00	·00	·02	·02	·02	·07	·15	·15	·10	·07	·04
11	·15	·10	·05	·00	·00	·00	·00	00	·00	·00	·00	00	·00	·00	·00	·00	·00	·02	·07	·10	·12	·12	·10	07	·04
12	·07	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·06	·07	·10	·16	·16	·20	·20	·04
13	·10	·12	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·15	·20	·20	·40	·40	·03
14	·35	27	·20	·22	·20	·12	·12	·10	·02	·00	·00	·00	·00	·00	·00	·00	·02	·07	·07	·20	·22	·30	·20	17	·12
15	·20	·20	·17	·12	·12	·20	20	12	·10	·02	·00	·00	·00	·00	·00	·00	·10	·15	·30	·40	·45	·25	·20	·20	·15
16	·20	·17	·10	·02	·02	·02	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	·00	·05	·07	·10	·12	·16	·17	20	·06
17	·12	·10	·10	·10	·12	·12	·10	·05	·02	·00	·00	·00	·00	·00	·00	·00	·02	·06	07	·12	·12	·22	·45	47	·10
18	·40	·20	·25	·16	·07	·05	·00	·07	·02	·00	·00	02	·02	·00	·02	·00	·05	·07	·20	·22	·12	·10	·20	·20	·10
19	·26	·20	·20	·17	·20	·15	·10	·02	·02	·00	00	·00	·00	·00	·05	·07	·02	·07	·00	·02	·05	·15	·22	07	·05
20	·10	·05	·02	·00	·00	·00	·02	·02	·00	·00	00	·00	·02	·00	·02	20	·00	·02	05	·07	·05	·25	·20	·17	·05
21	·15	·10	·02	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	00	·02	·05	07	·07	·05	·07	·07	·12	16	·04
22	·10	10	·07	·07	·07	·02	·10	·15	·20	·12	·10	·02	·00	·02	00	·00	·05	·12	·15	·37	·50	·30	·30	·35	·14
23	·37	·25	·22	·20	·20	·25	·22	·17	·12	·02	·02	00	·00	·00	·00	·05	·10	·10	·07	·05	·02	·02	·00	·05	·11
24	·02	·07	·02	·02	·02	·02	·00	·00	·00	·00	·00	·00	·10	·00	·00	·00	·05	·10	·10	·27	·42	·60	·25	·50	·11
25	·12	·20	·15	·17	·10	10	·05	·05	·05	·02	·10	·07	·10	07	·05	·12	·05	·12	·12	·10	·12	·10	22	[illegible]	·11
26	·12	·10	·05	·07	·02	02	·03	·02	·00	·02	·02	·02	·00	·00	·00	·05	·07	·02	·02	·02	·10	·12	·15	·15	·06
27	·10	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·02	·02	·10	·12	·12	·10	[illegible]	·08
28	·15	·12	·02	·02	·02	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·05	·12	·12	·17	·20	20	[illegible]	·07
29	·12	·10	·10	·07	07	·07	·05	·02	·02	·00	·00	00	·00	·00	00	·00	·02	07	·02	·07	·17	·20	·22	·25	·07
30	·20	·26	·17	07	·05	05	·07	·02	·00	·00	·00	·00	·00	00	·05	·10	·15	·12	·12	·22	·26	·20	·25	[illegible]	·11
31	·20	·25	·15	·12	·12	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·07	·07	·12	·15	·20	25	·20	·05
Means.	0·17	·13	·08	·06	·02	·05	·05	·03	·02	·01	·01	·00	·01	·00	·01	·03	·05	·09	·11	·15	·12	·20	·22	·19	·08

The force is given in pounds and decimals of a pound on one square foot. The entry 00 denotes calms or pressures too small to overcome the inertia of the Instrument.

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DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. APRIL 1832.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	10	10	10	10	11	10	12	12	12	12	12	12	13	12	12	15	14	13	12	12	12	12	12	11	132	SE
2	11	11	10	10	10	10	10	10	12	12	15	15	15	15	15	15	14	13	11	11	11	11	10	10	135	SE
3	10	10	11	10	10	10	11	12	13	14	14	14	14	15	15	15	14	14	10	9	9	9	9	9	132	SE
4	9	9	9	9	9	10	11	12	12	13	13	13	13	13	13	13	13	11	11	10	9	9	9	9	123	SEbyE
5	9	9	9	10	10	10	10	10	10	14	14	14	14	14	14	14	13	12	9	10	12	12	12	10	116	ESE
6	12	12	12	12	12	12	12	12	12	12	12	21	21	21	20	19	15	16	14	11	11	12	12	12	158	SSE
7	12	12	11	10	9	11	11	12	21	21	21	19	19	19	16	16	14	13	13	12	12	12	11	12	159	SSE
8	12	12	12	10	10	10	11	11	12	13	14	18	18	18	18	17	17	15	11	12	12	12	12	12	150	SEbyS
9	12	13	12	12	12	12	12	12	14	17	16	16	16	16	19	20	15	12	12	12	12	12	12	12	155	SSE
10	13	13	13	13	13	13	13	13	15	16	16	16	16	16	16	18	17	13	12	12	12	12	12	12	157	SSE
11	10	10	10	10	11	12	12	12	12	12	13	16	16	16	16	17	15	13	11	11	11	12	12	12	142	SEbyS
12	16	15	16	15	15	15	16	16	16	16	19	20	20	21	21	21	19	16	15	14	15	14	13	15	187	SbyW
13	13	13	13	13	12	13	13	13	13	18	22	22	22	22	22	22	19	13	11	12	12	13	13	13	172	SbyE
14	13	13	13	13	12	12	13	13	13	14	20	20	21	21	21	20	14	14	11	12	12	12	11	12	184	SbyE
15	12	12	12	12	12	12	12	13	13	13	17	17	18	18	19	20	16	16	15	12	12	12	13	13	160	SSE
16	13	13	13	12	12	12	13	13	15	15	17	20	20	20	20	19	16	15	12	12	12	12	12	12	164	SbyE
17	12	12	12	12	12	12	12	12	13	15	15	15	15	15	15	14	14	13	11	12	12	12	12	12	146	SEbyS
18	11	11	11	11	11	11	11	11	12	20	20	20	20	20	16	17	17	17	13	11	12	13	13	13	160	SSE
19	13	13	13	13	13	12	13	14	14	15	16	16	18	19	17	17	18	13	16	13	13	13	13	13	165	SbyE
20	12	12	13	13	12	12	13	13	13	14	14	14	15	16	16	15	16	16	17	15	12	12	12	12	154	SSE
21	12	12	13	13	13	13	13	13	14	14	15	16	18	19	16	15	15	14	14	13	12	12	12	12	156	SSE
22	12	12	12	12	12	12	13	13	14	15	15	14	13	15	15	14	15	13	13	13	13	12	12	12	148	SEbyS
23	11	11	10	10	10	10	10	11	11	11	12	12	12	12	12	12	12	12	11	11	11	11	12	12	126	SEbyE
24	10	10	10	10	9	9	9	9	9	9	9	7	7	7	7	9	9	10	10	10	10	9	9	[illegible]	101	EbyS
25	10	10	10	10	10	10	10	11	12	13	13	13	13	3	0	0	12	12	11	11	12	11	10	10	111	ESE
26	12	14	14	14	13	13	13	13	17	17	17	17	18	19	19	17	13	12	9	9	9	10	9	10	154	SSE
27	9	9	10	10	11	12	12	13	13	13	20	22	22	23	22	21	14	11	10	10	9	10	9	9	161	SEbyS
28	9	9	10	10	10	10	11	12	13	14	15	15	15	15	15	19	17	13	11	11	11	11	11	10	139	SE
29	10	20	12	12	12	12	12	13	14	14	14	14	14	15	15	21	13	12	12	11	10	10	10	10	142	SEbyS
30	11	11	11	12	12	12	13	13	14	14	14	14	14	14	14	13	13	12	9	9	9	9	10	10	135	SE
Hourly Means.	° 128 SEbE	° 129 SEbE	° 130 SE	° 129 SEbE	° 127 SEbE	° 129 SEbE	° 133 SE	° 133 SE	° 145 SEbS	° 159 SSE	° 174 SbE	° 180 S	° 183 S	° 183 S	° 178 S	° 182 S	° 162 SSE	° 151 SEbS	° 134 SE	° 128 SEbE	° 128 SEbE	° 129 SEbE	° 128 SEbE	° 127 SEbE	° 146	SEbS
No. of Observations with the wind in each Quarter: N W	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1 Obs.	NW
S W	1	0	1	0	0	0	1	1	2	6	12	16	16	17	17	17	10	6	2	0	0	0	0	0	125 „	SW
S E	29	30	29	30	30	30	29	29	27	24	18	13	13	11	11	12	20	24	23	30	30	30	30	30	587 „	SE
N E	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	0	0	0	0	7 „	NE

FORCE OF THE WIND. APRIL 1832.

	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·27	0·20	0·12	0·07	0·05	0·02	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0.00	0·00	0·05	0·10	0·07	0·15	·015	0·13	0·15	0·20	0·25	0·08
2	·20	·17	·10	·15	·10	·12	·05	·00	·00	·00	·00	·00	·00	·00	·00	·03	·07	·07	·15	·15	·20	·25	·25	·20	·09
3	·25	·20	·10	·05	·12	·15	·15	·05	·00	·00	·00	·00	·00	·00	·00	·05	·07	·07	·12	·15	·22	·52	·50	·65	·14
4	·45	·35	·25	·20	·15	·05	·05	·02	·00	·00	·00	·00	·00	·00	·00	·02	·05	·05	·12	·15	·20	·25	·25	·25	·12
5	·25	·20	·25	·10	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·05	.05	·10	·12	·22	·25	·25	·20	.09
6	·15	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·07	·12	·20	·25	·20	·20	·22	·07
7	·17	·15	·05	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·15	,20	·15	·25	·42	·25	·20	·20	·09
8	·22	·12	·05	·02	·02	·05	·02	·00	·00	·00	·00	·00	·00	·00	·07	·15	·20	·25	·25	·22	·30	·30	·35	·60	·13
9	·60	·25	·20	·15	·20	·15	·15	·10	·02	·02	·00	·00	·00	·00	·00	·00	·02	·10	·12	.17	·42	·60	·50	·40	·17
10	·40	·27	·15	·15	·12	·07	·05	·02	·00	·00	·00	·00	·00	·00	·00	·05	·15	·07	·15	·22	·22	·25	·30	·20	·12
11	·25	·12	·07	·07	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·07	·10	·15	·20	·20	·22	·27	·08
12	·15	·12	·10	·05	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·15	·17	·20	·25	·25	·27	·08
13	·17	·15	·10	·07	·02	·00	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·07	·15	·20	·27	·32	·36	·30	·30	·10
14	·20	·15	·07	·05	·05	·05	·05	·05	·02	·00	·00	·00	·00	·00	·00	·02	·05	·05	·15	·20	·22	·25	·20	·20	·08
15	·20	·15	·05	·05	·05	·07	·10	·02	·00	·00	·00	·00	·00	·00	·00	.05	·10	·12	·10	·42	·40	·30	·20	·25	·11
16	·25	·15	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·12	·15	·25	·30	·25	·27	·32	·10
17	·27	·20	·12	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·07	·12	·15	·17	·20	·20	·17	.08
18	·17	·15	·05	·02	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·12	·15	·10	·12	·20	·25	·20	·20	·17	·08
19	·15	·10	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·02	·25	·25	·20	·17	·15	·25	·35	·20	·17	·10
20	·17	·15	·10	·02	·02	·00	·02	·05	·12	·10	·15	·10	·02	·07	·12	·50	·65	·55	·35	·25	·20	·27	·30	·25	·19
21	·22	·20	·25	·20	·15	·20	·12	·05	·00	·00	·00	·00	·00	·00	·20	·50	1·02	1·10	·42	·50	1·05	·90	·87	·45	·35
22	·40	·25	·20	·25	·23	·20	.17	·10	·05	·00	·00	·00	·02	·05	·02	·17	0·15	0·25	·47	·85	1·05	·35	·30	·25	·24
23	·25	·15	·07	·15	·15	·20	·15	·17	·17	·10	·05	·00	·00	·00	·02	·12	·22	·20	·50	·47	0·37	·35	·35	·25	·18
24	·20	·15	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·15	·12	·12	·15	·20	·20	·17	·07
25	·12	·10	·10	·10	·07	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·10	·12	·12	·20	·20	.06
26	·20	·22	·20	·22	·20	·15	·12	·05	·00	·00	·00	·00	·00	·00	·00	·00	·12	·15	·15	·20	·20	·17	·37	·32	·13
27	·35	·20	·20	·17	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·05	·10	·17	·20	·25	·30	·40	·11
28	·32	·20	·16	·17	·20	·15	·10	·05	·00	·00	·00	·00	·00	·00	·00	·05	·07	·07	·10	·17	·27	·25	·25	·30	·12
29	·35	·35	·25	·20	·20	.12	·10	.02	·00	·00	·00	·00	·00	·00	·00	·00	·02	·13	·15	·20	·25	·25	·30	·32	·13
30	·30	·20	·25	·20	·10	·07	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·10	·15	·25	·20	·20	·09
Means.	0·25	·18	·13	.10	·03	·06	·05	·03	·01	·01	·01	·00	·00	·01	·02	·08	·14	·16	·17	·23	·30	·29	·29	.28	·12

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. MAY 1852.

Gottingen Mean Time. / Madras Mean Time.	Noon. P. M. h. m.	1 h. m. 6.41	2 h. m. 8.41	3 h. m. 7.41	4 h. m. 8.41	5 h. m. 9.41	6 h. m. 10.41	7 h. m. 11.41	8 h. m. 12.41	9 h. m. 13.41	10 h. m. 14.41	11 h. m. 15.41	12 h. m. 16.41	13 h. m. 17.41	14 h. m. 18.41	15 h. m. 19.41	16 h. m. 20.41	17 h. m. 21.41	18 h. m. 22.41	19 h. m. 23.41	20 h. m. 0.41	21 h. m. 1.41	22 h. m. 2.41	23 h. m. 3.41	Daily and Monthly Means	Mean Direction.
	parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	9	2	9	9	9	9	10	10	8	10	9	11	10	13	12	12	16	14	13	14	13	13	13	12	272	sebyE
2	12	12	13	11	11	12	13	13	14	14	14	13	3	0	1	2	2	4	8	6	5	2	4	4	9	E
•3	6	7	6	5	6	6	7	8	6	4	23	23	21	21	22	28	29	9	8	9	9	3	9	12	?	?
•4	14	14	24	25	16	15	14	13	18	23	24	28	25	27	28	29	30	31	1	1	4	6	5	8	?	?
•5	7	7	6	8	8	7	7	7	8	14	23	25	25	25	25	26	23	20	8	7	9	2	8	10	?	?
6	8	9	9	10	11	11	12	12	21	23	22	23	23	25	23	22	9	19	9	10	11	10	10	10	164	sbys
7	2	9	8	8	4	4	15	19	20	20	20	21	20	20	22	23	23	23	18	9	10	11	11	10	166	sbyE
•8	11	11	11	12	12	12	12	13	14	15	18	20	20	17	18	15	22	22	21	21	23	1	8	5	?	?
•9	10	12	12	13	14	14	14	14	14	14	14	18	16	20	22	22	24	28	28	0	7	5	6	7	?	?
•10	8	13	18	16	15	16	19	20	21	21	0	0	30	27	22	25	23	23	25	25	4	8	9	5	?	?
11	10	11	12	13	18	13	13	17	17	18	18	19	21	21	23	24	24	24	24	25	7	7	10	25	191	sbyw
12	24	29	12	18	21	20	20	21	22	21	12	20	20	21	21	21	26	25	18	12	20	20	16	12	225	sw
13	12	13	13	14	18	15	17	17	17	17	17	19	18	20	21	21	22	23	23	23	23	13	12	12	195	sbyw
14	14	14	14	15	12	21	15	15	16	18	17	17	17	18	17	18	19	20	20	20	13	13	13	14	182	s
15	12	13	13	13	18	22	22	22	13	15	21	18	15	18	17	17	19	20	20	20	21	12	12	12	188	sbyw
•16	12	12	18	20	Board stopped.				—	—	—	—	—	—	17	15	20	20	20	18	20	21	21	21	?	?
17	22	23	12	12	13	14	14	14	14	14	14	14	14	14	15	17	20	22	23	27	24	2	7	8	172	s
•18	11	12	13	13	13	12	18	18	15	17	17	18	16	22	23	22	21	22	23	28	30	9	8	5	?	?
19	11	12	14	15	18	18	18	17	18	17	16	17	18	18	18	19	19	20	20	20	19	12	12	12	184	s
20	11	12	12	15	12	14	13	14	14	14	15	15	18	15	16	12	21	22	24	25	7	11	11	12	170	sbyE
21	14	17	18	18	18	17	16	17	18	17	18	20	21	22	22	23	23	24	27	27	8	12	14	20	205	ssw
22	20	22	19	14	17	17	18	19	20	21	21	19	18	17	18	20	20	19	20	20	20	20	12	11	201	ssw
23	12	12	12	12	18	15	14	14	18	13	14	15	15	12	20	20	20	21	19	19	12	13	12	12	169	sbys
24	10	10	11	11	11	12	12	13	13	15	13	13	15	13	18	15	17	22	21	12	11	12	13	[illegible]	152	ssE
25	13	13	13	14	14	18	15	16	12	20	20	18	15	18	19	20	21	25	26	26	13	11	13	13	188	sbyw
•26	13	11	12	12	13	14	14	14	14	14	20	21	19	19	20	25	30	4	22	22	14	13	14	13	?	?
•27	11	10	11	11	13	14	12	15	16	15	15	15	16	18	17	18	20	20	20	20	13	Board stopped.			?	?
28	14	14	15	15	16	15	15	15	18	18	18	18	17	17	18	21	23	24	23	24	30	14	14	15	196	sbyw
29	18	21	22	21	19	17	17	14	12	15	18	16	18	21	23	22	23	26	28	27	11	11	12	13	207	ssw
30	16	16	13	17	20	20	20	21	20	19	20	20	18	17	17	18	20	20	18	12	12	12	12	11	192	sbyw
31	12	12	13	13	13	14	15	15	12	15	16	15	15	18	12	18	17	12	12	11	11	11	12	12	153	ssE
Hourly Means.	150° sEbs	162° ssE	144° sEbs	152° ssE	160° ssE	169° sbE	172° sbE	179° s	1[illegible]0° s	189° sbw	191° sbw	192° sbw	185° s	189° sbw	201° ssw	211° swbs	216° swbs	232° swbw	219° swbs	208° ssw	154° ssE	133° sE	131° sE	140° sE	177°	S.

No. of Observations, with the wind in each Quarter

	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total	
N W	1	1	1	1	0	0	0	0	0	0	1	2	3	3	2	6	7	8	6	9	2	0	0	1	84	Obs. N W
S W	3	5	3	5	6	9	9	11	13	15	20	19	19	20	24	21	22	18	18	10	8	3	9	2	285	,, S W
S E	25	23	25	23	22	18	19	18	16	14	8	8	7	6	4	8	1	2	2	3	15	21	24	25	341	,, S E
N E	2	2	2	2	2	3	2	1	1	1	1	1	1	1	1	1	1	2	2	4	8	6	4	2	51	,, N E

FORCE OF THE WIND. MAY 1852.

	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·25	0·20	0·12	0·10	0·12	0·10	0·05	0·02	0.02	0·00	0·00	0·02	0·00	0·00	0·00	0·00	0·02	0·02	0·07	0·07	0·05	0·03	0·08	0·05	0·06
2	·07	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·02	·07	·07	·10	·10	·12	·10	·08
3	·07	·05	·02	·02	·02	·02	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·05	·06	·07	·17	·15	·15	·10	·04
4	·07	·00	·00	·00	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·08	·07	·07	·05	·02
5	·08	·07	·02	·00	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·10	·10	·16	·12	·03
6	·12	·10	·07	·02	·00	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·10	·12	·15	·12	·04
7	·12	·10	·05	·02	·00	·00	·00	·00	·00	·00	·00	·07	.02	·02	·05	·07	·05	·02	·02	·08	·05	·05	·10	·12	·04
8	·16	·20	·15	·12	·10	·12	·10	.12	·02	·02	·00	·00	·00	·00	·00	·02	·07	·07	·10	·12	·10	·05	·10	·12	·06
9	·10	·12	·12	·13	·10	·10	·10	·05	·00	·00	·00	·00	·00	·02	·05	·10	·10	·07	·07	·05	·10	·15	·17	·20	·08
10	·15	·10	·12	·07	·02	·12	·07	·05	·05	·15	1·40	·78	·32	·25	·20	·18	·10	·33	·25	·10	·00	·00	·03	.00	·21
11	·00	·00	·00	·00	·00	·00	·00	·03	·02	·05	·00	·02	·05	·07	·12	·20	·25	·30	·25	·25	·10	·10	·05	3·20	·21
12	·20	·35	·25	·80	·80	·25	·10	·07	·15	·07	·07	·02	·02	·07	·07	·05	·02	·08	·05	·05	·10	·07	·07	0·15	·15
13	·10	·07	·07	·12	·25	·30	·25	·20	·20	·08	·12	·02	·07	·07	·10	·18	·15	.17	·12	·15	·20	·12	·27	.10	·14
14	·10	·15	·17	·10	·12	·10	·08	·15	·15	·17	·12	·10	·12	·07	·05	·12	.17	·20	·15	·18	·20	·25	1·10	1·30	·22
15	1·10	·35	·26	·98	1.20	2·60	·10	·02	·00	·02	·00	·00	·05	·12	·15	·12	·22	·23	·20	·20	·15	·10	0·27	0·30	·36
•16	0·27	·25	·20	·10	Board stopped.			—	—	—	—	—	—	—	·00	·00	·00	·00	·06	·10	·07	·07	·10	·07	?
17	·02	·02	·00	·02	0·02	0·05	·05	·03	·00	·02	·02	·05	·07	·10	·12	·15	·17	·17	·15	·12	·07	·10	·05	·05	·07
18	·15	·12	·10	·10	·17	·15	·20	·23	·12	·10	·12	·05	·02	·00	·00	·05	·02	·05	·15	·12	·07	·12	·17	·15	·11
19	·15	·12	·12	·12	·10	·12	·10	·10	·05	·05	·07	·07	·07	·07	·10	·25	·25	·20	·15	·17	·12	·25	·03	·30	·14
20	·20	·27	·25	·20	·22	·17	·15	·12	·12	·15	·10	·07	·07	·05	·08	·15	·10	·12	·12	·15	·15	·12	·17	·27	·14
21	·20	·25	·02	·10	·12	·05	·02	·00	·00	·00	·00	·02	·02	·02	·10	·07	·27	·20	·17	·12	·10	·20	·75	·45	·14
22	·02	·02	·02	·15	·10	·12	·18	·12	·05	·05	·07	·07	·07	·10	·10	·05	·20	·20	·15	·15	·10	·07	·15	·20	·11
23	·17	·20	·12	·18	·12	·10	·07	·08	·05	·02	·10	·12	·07	·02	·02	·07	·10	·10	·07	·05	·12	·17	·20	·20	·10
24	·15	·18	·10	·12	·12	·12	.20	·15	·18	·07	·07	·10	·05	·05	·03	·05	·05	·05	·06	·07	·15	·20	·22	·25	·11
25	·20	·18	·10	·02	·07	·12	·15	·12	·02	·02	·00	·05	·05	·10	·12	·07	·07	·12	·10	·10	·12	·15	·17	·12	·10
26	·15	·10	·02	·05	·05	·02	·00	·00	·00	·00	·02	·05	·02	·00	·02	·02	·02	.02	·05	·10	·12	·17	·20	·20	·06
•27	·17	·17	·10	·02	·02	·05	·10	·05	·02	·02	·00	·00	·00	·00	·02	·05	·10	·10	·10	·07	·05	Board stopped.			?
28	·20	·22	·05	·05	·07	·07	·10	·13	·18	·10	·05	·02	·02	·05	·05	·12	·37	·20	·20	·17	·20	·15	·15	·10	·13
29	·15	·40	·15	·02	·00	·00	·00	·02	·00	·00	·02	·00	·00	·00	·05	·35	·30	·20	·10	·07	·20	·20	·25	·20	·11
30	·30	·15	·00	·05	·00	·02	·02	·05	·05	.02	·10	·12	·03	·00	·02	·05	·10	·07	·12	·15	·18	·20	·20	·25	·09
31	·30	·20	·25	·20	·15	·17	·15	.10	·05	·00	·00	·00	·00	·00	·02	·05	·07	·10	·15	·20	.25	·25	·40	·40	·15
Means.	0·17	·18	·10	·13	·13	·17	·08	·06	·05	·04	·09	·06	·04	·04	·06	·09	·12	.11	·11	·11	·12	·13	·21	·32	·11

* The Observations of the 3, 4, 5, 8, 9, 10, 16, 18, 26 & 27th are rejected from the hourly & daily means.

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of 16 and 27th are rejected from the hourly and daily means.

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DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. JUNE 1852.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	11	12	12	13	18	13	14	15	15	14	13	12	13	13	14	14	13	12	13	13	13	12	13	12	145	sEbys
2	11	11	12	12	12	13	13	14	14	13	13	12	12	18	14	14	16	20	11	10	10	9	9	9	140	sE
3	11	12	12	12	12	13	13	14	15	15	15	15	14	14	13	14	19	20	11	11	11	10	10	11	142	sEbys
*4	11	12	12	12	12	12	13	14	15	16	15	15	14	13	21	23	28	29	29	28	30	0	8	2	?	?
5	7	8	8	12	13	16	17	17	20	21	20	20	18	12	20	18	21	22	24	17	12	13	12	13	181	s
6	14	14	14	14	16	18	19	19	16	18	18	18	18	18	18	19	19	19	19	18	12	13	12	12	186	sbyw
7	12	11	11	11	13	13	14	14	14	14	16	18	18	19	20	20	21	22	25	24	25	10	11	12	183	s
8	14	14	14	14	14	15	15	16	16	17	17	18	18	18	20	21	22	23	23	25	22	13	12	8	191	sbyw
9	10	11	12	12	13	14	14	14	15	15	15	18	20	18	20	22	24	26	25	25	25	27	26	21	207	ssw
10	12	12	12	13	14	14	14	14	15	18	18	20	22	23	29	28	25	22	22	21	12	12	12	12	193	sbyw
*11	12	12	13	13	13	14	14	14	18	17	14	20	21	23	24	23	28	24	24	25	28	5	7	10	?	?
12	11	12	12	13	13	13	13	14	15	15	15	15	18	18	15	20	21	23	22	21	20	0	10	10	172	sbyE
*13	11	11	10	12	17	15	13	15	16	13	20	20	20	12	19	18	20	20	20	20	20	20	20	2	?	?
*14	14	28	11	14	31	2	12	12	18	6	4	4	4	4	18	20	21	22	23	23	24	23	21	18	?	?
15	8	24	13	12	12	13	16	18	21	21	22	22	22	23	22	21	21	20	21	21	20	19	19	17	209	swbys
16	19	25	15	16	16	16	20	20	22	21	20	20	21	21	21	22	21	22	22	22	22	22	23	22	225	sw
*17	21	21	16	17	17	17	17	19	21	22	21	24	22	22	23	25	20	—	— Board Stopped.				20	21	?	?
*18	14	Board Stopped.				—	—	—	—	—	—	—	—	—	16	15	17	15	17	18	20	19	18	16	?	?
*19	Board Stopped.				—	—	—	—	—	—	—	—	—	—	18	19	20	20	20	20	20	19	18	13	?	?
*20	14	14	14	14	11	28	29	2	2	1	1	4	8	3	3	4	4	4	4	4	3	4	7	6	?	?
21	19	16	19	20	20	20	20	21	20	19	19	18	18	18	17	17	15	17	19	19	19	18	19	19	209	swbys
22	17	17	17	15	14	17	19	19	18	18	17	17	17	17	18	18	18	18	19	20	20	12	20	15	201	ssw
23	18	18	14	14	15	16	16	25	28	22	22	22	21	22	22	18	18	18	15	18	18	18	19	11	217	swbys
24	20	20	22	22	20	21	22	22	20	20	20	20	16	18	22	22	22	22	23	22	23	23	23	24	238	swbyw
*25	23	24	2	2	3	4	4	4	5	6	6	7	21	21	22	22	22	23	23	23	23	24	23	23	?	?
26	19	12	12	13	14	14	14	15	20	21	22	22	21	21	21	21	21	22	22	22	22	22	22	22	215	swbys
27	21	13	18	14	14	14	14	14	15	15	15	15	15	10	20	20	22	23	22	22	23	21	19	19	196	sbyw
28	13	12	13	15	15	21	21	20	20	20	20	21	21	21	22	22	21	20	20	20	20	16	12	12	206	ssw
*29	13	13	13	14	14	17	21	28	7	7	13	17	18	16	17	17	18	18	20	21	21	21	12	13	?	?
30	14	15	15	13	15	22	21	16	18	13	13	14	13	13	14	17	22	19	20	20	23	14	14	14	182	s
Hourly Means.	o 157 ssE	o 157 ssE	o 158 ssE	o 158 ssE	o 182 ssE	o 178 s	o 185 s	o 193 sbw	o 199 ssw	o 197 ssw	o 197 ssw	o 202 ssw	o 200 ssw	o 204 ssw	o 214 swbs	o 218 swbs	o 228 sw	o 232 swbw	o 226 sw	o 220 sw	o 209 swbs	o 177 s	o 178 s	o 172 sbE	o 192	sbw
No. of Observations, with the Wind in each Quarter. N W	0	0	0	0	1	1	1	2	1	0	0	1	0	0	2	2	3	3	5	5	5	3	1	1	32	Obs. N W
S W	9	5	4	4	6	11	12	11	13	18	15	18	20	21	22	23	24	23	20	20	17	14	14	12	354	„ S W
S E	18	20	23	23	20	14	14	13	11	8	10	6	6	5	5	4	2	2	2	3	6	9	12	13	250	„ S E
N E	2	0	1	1	1	2	1	2	3	4	3	3	2	2	1	1	1	1	1	1	1	4	3	4	45	„ N E

* The Observations of 4, 11, 13, 14, 17, 18, 19, 20, 25, and 29th are rejected from the hourly and daily Means.

FORCE OF THE WIND. JUNE 1852.

Day	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·25	0·25	0·20	0·15	0·05	0·02	0·07	0·07	0·02	0·00	0·00	0·00	0·00	0·00	0·07	0·10	0·15	0·25	0·35	0·25	0·20	0·25	0·25	0·22	0·14
2	·30	·25	·20	·15	·15	·12	·10	·10	·05	·00	·00	·00	·00	·00	·05	·10	·07	·05	·07	·15	·20	·20	·20	·12	·11
3	·15	·20	·07	·05	·08	·07	·02	·02	·05	·00	·00	·00	·00	·00	·02	·05	·05	·05	·12	·17	·20	·20	·20	·20	·08
4	·15	·12	·07	·05	·10	·12	·10	·10	·17	·15	·05	·00	·00	·00	·05	·10	·25	·42	·80	1·00	·45	·25	·20	·20	·20
5	·15	·15	·10	·05	·02	·05	·15	·05	·05	·02	·00	·00	·02	·00	·00	·05	·07	·10	·05	0·02	·12	·17	·20	·20	·07
6	·20	·22	·15	·15	·05	·05	·05	·02	·00	·00	·00	·00	·00	·00	·05	·10	·10	·15	·00	·00	·00	·00	·00	·00	·03
7	·20	·12	·02	·00	·00	·02	·05	·05	·05	·02	·00	·00	·00	·00	·05	·25	·20	·15	·10	·07	·07	·12	·20	·25	·08
8	·27	·20	·10	·05	·07	·07	·15	·15	·12	·15	·15	·15	·10	·05	·12	·50	·30	·30	·20	·15	·15	·25	·17	·05	·17
9	·05	·07	·07	·05	·05	·12	·17	·15	·10	·10	·12	·05	·00	·00	·02	·12	·15	·15	·10	·20	·15	·10	·13	·10	·10
10	·25	·25	·20	·12	·10	·10	·10	·15	·05	·02	·00	·00	·00	·00	·00	·02	·10	·10	·10	·07	·15	·17	·20	·25	·10
11	·20	·20	·17	·20	·20	·25	·05	·02	·05	·05	·02	·02	·02	·00	·02	·10	·15	·20	·20	·17	·15	·17	·15	·12	·12
12	·17	·15	·05	·17	·15	·20	·10	·10	·12	·10	·15	·05	·00	·00	·00	·05	·15	·02	·00	·00	·05	·12	·15	·15	·09
13	·17	·20	·07	·02	·12	·10	·05	·15	·07	·10	·07	·02	·02	·02	·02	·07	·20	·25	·27	·25	·30	·35	·35	·07	·14
14	·07	·03	·02	·00	·00	·30	·65	·02	·00	·00	·00	·00	·00	·00	·00	·02	·15	·17	·25	·20	·32	·20	·15	·10	·11
15	1·70	1·50	·05	·02	·00	·00	·00	·00	·02	·02	·10	·05	·10	·15	·05	·05	·67	·15	·20	·15	·07	·12	·15	·15	·20
16	0·25	0·20	·10	·10	·02	·02	·05	·05	·00	·00	·00	·00	·00	·00	·00	·05	·10	·12	·30	·35	·40	·70	·30	·70	·16
*17	·25	·20	·45	·15	·20	·12	·07	·03	·05	·02	·00	·02	·02	·00	·02	·02	·05 Board stopped.				—	—	·25	·20	?
*18	·40	Board stopped			—	·20	Board stopped.			—	—	—	—	—	·02	·07	·15	·15	·20	·30	·37	·40	·30	·10	?
*19	1·50	Board stopped.			—	—	—	—	—	—	—	—	—	—	·02	·05	·15	·12	·27	·30	·50	·25	·25	·20	?
20	0·10	·15	·25	·10	2·70	·00	·00	·02	·00	·00	·00	·02	·02	·05	·02	·02	·05	·07	·10	·15	·10	·05	·02	·02	·17
21	·10	·05	·15	·65	1·10	·37	·40	·15	·02	·02	·00	·00	·03	·00	·00	·02	·05	·07	·12	·35	·60	·65	·57	·57	·25
22	·50	·25	·15	·17	0·02	·07	·80	·10	·02	·15	·07	·07	·07	·02	·02	·00	·00	·15	·82	·60	·70	·65	·70	·50	·22
23	·41	·20	·20	·30	·20	·02	·00	·00	·00	·02	·07	·05	·02	·00	·02	·02	·00	·05	·07	·37	·40	·30	·15	·10	·12
24	·01	·07	·10	·00	·02	·00	·02	·00	·00	·05	·00	·00	·00	·00	·00	·05	·07	·60	1·00	·25	·45	·70	·65	·45	·22
25	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·20	·65	0·80	·05	·55	·37	·15	·02	·15
26	·00	·00	·02	·00	·00	·00	·00	·02	·02	·05	·05	·02	·02	·07	·05	·02	·00	·02	·50	1·00	·85	·65	·40	·30	·17
27	·05	·00	·05	·02	·02	·00	·02	·00	·00	·00	·00	·00	·10	·00	·00	·03	·15	·95	1·30	1·40	1·05	·55	·40	·07	·25
28	·75	·60	·17	·60	·10	·00	·00	·00	·05	·05	·12	·17	·15	·07	·03	·20	·20	·25	0·35	0·35	0·40	·45	·55	·50	·25
29	·50	·55	1·00	1·10	·67	·50	·02	·00	·00	·00	·00	·02	·02	·00	·00	·00	·05	·05	·07	·12	·20	·25	·30	·20	·25
30	·17	·00	0·02	1·00	·10	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·07	·07	·12	·20	·25	·60	·50	·17
Means.	0·27	·24	·14	·20	·25	·10	·10	·06	·04	·04	·04	·03	·02	·02	·02	·08	·11	·20	·23	·24	·31	·31	·28	·22	·15

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures to small to overcome the inertia of the Instrument.

* The Observations of 17, 18, and 19th are rejected from the hourly and daily Means.

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DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. JULY 1852.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction.
Madras, Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p	°	
1	14	14	14	15	23	13	12	11	12	13	13	13	13	21	22	23	23	22	20	22	22	22	22	12	152	sbyE
2	12	13	13	13	15	15	16	15	16	21	21	20	20	21	22	23	23	24	23	23	21	20	13	12	203	ssw
* 3	29	12	11	12	24	11	13	31	31	31	31	31	22	22	21	20	21	20	20	21	17	6	13	12	?	?
* 4	13	28	0	5	6	9	9	9	9	11	14	19	18	17	20	20	20	20	21	20	21	21	13	12	?	?
5	12	13	12	15	18	13	8	9	13	19	21	23	22	23	22	23	24	24	24	24	25	25	25	25	214	swbys
* 6	16	18	19	13	13	14	16	16	17	19	22	22	22	22	23	22	22	23	22	22	22	22	B Stopped		?	?
* 7	20	19	19	8	11	14	11	12	20	20	Board Stopped.			—	19	19	20	20	20	20	21	23	B. Stopped		?	?
8	11	12	13	13	13	18	25	25	20	21	21	22	22	21	22	23	23	22	22	22	22	22	7	9	208	ssw
9	11	12	24	14	13	16	16	15	15	15	15	15	15	21	22	23	23	22	23	23	23	23	13	13	158	ssw
10	13	12	11	13	14	15	15	15	17	22	21	20	20	20	16	19	20	20	23	22	11	11	12	12	185	s
*11	12	11	10	11	12	12	12	12	17	20	19	19	21	21	21	21	22	25	26	4	6	6	B. Stopped		?	?
*12	12	12	13	14	19	Board Stopped.			—	—	—	—	—	—	23	28	24	25	27	29	8	Board Stopped.			?	?
*13	7	10	29	15	23	15	17	22	22	21	23	26	26	27	26	27	27	20	20	21	21	21	21	B. S	?	?
14	9	8	9	9	12	16	21	21	21	21	21	21	21	21	20	20	22	23	24	23	9	9	8	8	186	sbyw
15	7	0	11	9	10	13	13	13	13	17	18	18	18	18	15	14	17	16	19	8	11	11	13	11	149	sEbys
16	11	11	11	12	13	13	14	14	15	13	13	13	13	13	15	15	20	22	14	25	23	23	12	12	165	sbyE
17	12	12	12	13	13	12	19	19	20	21	21	21	21	21	24	27	23	23	10	7	17	6	7	7	176	s
*18	5	6	6	7	7	7	7	7	7	7	7	7	7	25	25	26	28	31	6	8	8	9	9	7	?	?
*19	5	5	7	7	7	7	7	7	7	7	7	12	20	20	26	30	7	0	18	17	16	18	18	16	?	?
*20	5	6	5	7	7	7	7	7	7	6	5	10	20	21	21	21	20	25	24	28	0	3	3	4	?	?
*21	4	5	2	2	0	9	21	21	21	20	20	24	23	24	24	24	27	27	28	18	15	28	13	14	?	?
22	29	30	18	22	24	24	23	23	20	23	23	19	19	28	23	23	20	21	20	20	21	23	22	21	249	wsw
23	16	17	17	9	9	11	12	12	13	13	11	11	15	14	16	16	18	12	18	14	13	12	12	11	146	sEbys
24	17	17	17	17	13	18	19	19	20	20	22	21	23	23	23	23	24	23	23	24	24	25	23	23	236	swbyw
25	14	13	12	11	11	11	12	12	13	13	13	13	14	13	15	17	17	18	18	19	19	20	19	19	166	sbyE
26	19	17	19	20	19	14	16	16	16	16	17	16	17	19	20	20	20	20	21	20	21	20	20	20	208	ssw
27	17	17	13	12	13	18	13	13	13	16	16	16	18	19	20	20	20	21	21	19	20	18	19	19	192	sbyw
28	20	19	16	19	19	20	20	21	21	20	21	21	20	20	20	19	19	19	19	19	19	19	19	19	218	swbys
*29	13	13	15	17	28	Board Stopped.			—	—	—	—	—	—	19	18	16	17	20	20	20	19	18	18	?	?
30	13	13	13	18	21	19	19	20	21	19	17	18	18	17	16	17	19	19	20	20	19	19	18	19	202	ssw
31	19	19	16	16	18	19	19	20	21	21	21	21	21	21	22	20	21	21	22	21	22	22	22	22	228	sw
Hourly Means.	163° SSE	159° SSE	160° SSE	160° SSE	172° sbE	172° sbE	180° s	185° s	182° sbw	203° ssw	205° ssw	202° ssw	207° ssw	218° swbs	222° sw	227° sw	234° swbw	232° sbw	224° sw	221° sw	208° ssw	207° sbw	179° s	174° sbE	196°	sbw
No. of Observations, with the Wind in each Quarter. N W	2	2	2	0	3	1	1	2	1	1	1	3	1	3	5	5	7	7	6	5	2	3	1	1	65	Obs. N W
S W	8	8	8	7	8	7	13	11	17	19	18	17	21	22	23	24	23	23	21	21	19	18	12	10	376	,, S W
S E	15	16	16	19	15	18	12	13	8	6	6	7	5	3	3	2	1	1	3	3	7	5	11	12	207	,, S E
N E	6	5	5	5	5	3	3	3	3	3	3	1	1	0	0	0	1	1	1	2	3	4	3	3	64	,, N E

* The Observations of 3, 4, 6, 7, 11, 12, 13, 18, 19, 20, 21, and 29th are rejected from the hourly and daily Means.

FORCE OF THE WIND. JULY 1852.

Day	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·95	0·88	0·75	0·70	0·48	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·10	0·14	0·14	0·26	0·20	0·45	0·30	0·22	0·23
2	·22	·28	·32	·40	·37	·25	·01	·00	·00	·03	·08	·05	·05	·03	·00	·01	·01	·67	·48	·85	·85	·75	·58	·56	.26
3	·06	·00	·00	·00	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·06	·16	·13	·32	·78	·25	·10	·85	·75	·13
4	1·18	·66	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·08	·12	·15	·22	·35	·28	·42	·62	·12
5	0·20	·12	·18	·15	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·18	·33	1·12	·85	·85	·65	·32	·16	·10	·20
*6	·10	·00	·32	·35	·75	·27	·00	·00	·00	.00	·00	·00	·00	·00	·55	1·12	1·38	1·52	1·62	1·35	1·32	1·85	B Stopped		?
*7	·35	·10	·00	·00	·00	·15	·00	·00	·57	·42	·23	Board Stopped.			—	0·85	0·62	1·12	0·73	0·85	1·00	0·35	B.Stopped		?
8	·32	·28	·68	1·14	·95	·42	·00	·00	·00	·02	·62	1·38	·58	.00	·85	·35	·40	1·80	1·22	1·48	0·85	·35	·20	·10	·58
9	·25	·22	·82	0·28	·00	·00	·15	·00	·00	·00	·00	0·00	·00	·00	·00	·00	·24	0·18	0·21	0·15	·14	·10	·00	·78	·15
10	·62	·47	·16	·00	·10	·00	·00	·08	·00	·00	·00	·00	·00	·00	·00	·15	·22	·35	·18	·10	·04	·12	·25	·18	·13
*11	·03	·15	·10	·08	·11	·10	·10	·08	·35	·34	·13	·00	·09	·00	·00	·00	·15	·17	·17	·00	·00	·00	B.Stopped		?
*12	·25	·18	·16	·14	·08	Board Stopped.			—	—	—	—	—	—	·06	·05	·14	·18	·10	·17	·09	Board Stopped.			?
*13	·08	·10	·00	·04	·83	·00	·00	·00	·00	·00	·00	·00	·00	·00	·35	·47	·40	·25	00	00	·00	·12	·00	B. S.	?
14	·02	·00	·02	·00	·04	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·06	·07	·08	·05	·08	·15	·20	·22	·05
15	·10	·04	·08	·04	·07	·08	·04	·05	·00	·00	·00	·00	·00	·00	·00	·01	·03	·04	·08	·15	·10	·15	·15	·18	·06
16	.25	·27	·15	·14	·10	·08	·04	·00	·00	·00	·00	·00	·00	·00	·00	·12	·15	·18	·08	·12	·10	·02	·22	.24	·08
17	·55	·32	·18	·10	·03	·04	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·10	·13	·22	·28	·18	·09
18	·35	·30	·28	·15	·12	·03	·08	·06	·00	·00	·00	·00	·00	·00	·00	·00	·01	·04	·10	·22	·35	·30	·24	·22	·12
19	·22	·23	·26	·35	·20	·18	·08	·01	·00	·00	·00	·00	·00	·00	·00	·01	·05	·06	·10	·12	·15	·15	·19	·27	·11
20	·25	·15	·11	·08	·06	·04	·06	·02	·02	·00	·00	·00	·08	·08	·06	·02	·03	·00	06	·08	·10	·16	·15	·16	·07
21	·14	·08	·00	·00	·00	·06	·05	·14	·14	·12	·18	·20	·10	·04	·06	·09	·20	·24	·12	·08	·06	·08	·11	·15	·10
22	·20	·00	·08	·02	·00	·00	·00	·02	·03	·02	·00	·00	·00	·00	·02	·03	·05	·12	·15	·10	·14	·12	·10	·08	·05
23	·03	·01	·00	·01	·00	·03	·00	·10	·12	·02	·00	·01	·01	·04	·06	·07	·07	·09	·10	·18	·30	·17	·10	.08	·06
24	.12	·10	·10	·12	·14	·15	·10	·08	·13	·10	·09	·08	·05	·03	·02	·00	·02	·02	·03	·09	·12	·15	·13	·10	·09
25	·17	·15	·08	·09	·14	·12	·10	·04	·00	·08	·12	·10	·00	·00	·03	·07	·15	·25	·30	·52	·48	·30	·15	·12	·16
26	·08	·00	·04	·18	·08	08	·10	·12	·06	·01	·02	· 2	·05	·03	·08	·10	·18	·25	·33	·00	·35	·22	·25	·17	·12
27	·08	·02	·07	·15	·00	·27	·35	·42	·16	·14	·12	·15	·00	·00	·90	·00	·04	·12	24	·18	·20	·15	·25	·22	·14
28	·15	·10	·04	·08	·10	·14	·04	·08	·06	·02	·02	·02	·06	·00	·00	·00	·03	·14	·16	.17	·22	·20	·18	·15	·05
*29	·18	·22	·32	·10	·00	Board Stopped.			—	—	—	—	—	—	·00	·03	·06	·06	·08	·12	·15	·05	·00	·00	?
30	·00	·00	·00	·00	·05	·48	·15	·06	·00	·00	·12	·10	·00	·00	·00	·04	·08	·15	·18	·20	·35	·26	·28	·53	·85	.61
31	·12	·08	·00	·15	·02	·08	·35	·18	·10	·10	·08	·06	·03	1·00	·00	·00	·08	·20	·18	·15	·48	.62	1·47	1 26	·24
Means.	0 26	·19	·18	·17	·13	·11	·07	·06	·03	·03	·06	·09	·04	·01	·06	·04	·12	·26	·20	·25	·27	·24	·28	·32	·14

The forces given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

* The Observations of 6, 7, 11, 12, 13, and 29th are rejected from the hourly and daily Means.

DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. AUGUST 1852.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
* 1	22	21	12	19	19	19	21	21	21	21	21	21	21	21	21	Board Stopped.			—	22	23	22	22	22	?	
2	24	24	24	22	23	23	23	23	20	21	21	21	21	20	20	20	21	22	22	23	22	22	22	22	246	wsw
3	20	20	20	21	25	21	22	22	20	20	20	21	22	21	21	21	21	21	23	23	23	23	22	21	240	swbw
4	22	22	28	18	16	14	19	20	20	21	20	21	21	21	21	21	21	22	23	23	25	26	25	28	242	wsw
5	21	22	22	21	23	22	22	22	21	21	21	20	20	20	21	22	22	22	22	22	22	21	21	21	241	swbw
* 6	15	12	12	16	20	21	21	12	0	0	6	9	12	15	15	17	12	20	20	21	20	20	18	18	?	?
7	18	18	18	16	14	14	15	15	22	17	15	16	13	21	24	24	21	21	22	22	21	20	20	12	202	ssw
* 8	13	10	12	14	18	18	19	21	21	Board Stopped.			—	—	21	22	22	21	21	21	21	21	23	23	?	?
9	21	17	13	13	14	14	16	17	20	21	22	23	23	23	22	23	23	23	22	22	22	24	24	24	227	sw
10	21	20	20	20	15	21	22	22	22	22	32	22	23	22	22	22	23	24	23	23	23	23	23	23	245	wsw
*11	23	23	—	—	Board Stopped.			—	—	—	—	—	—	—	22	23	23	23	23	24	24	24	23	23	?	?
12	22	20	20	20	20	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	22	22	22	22	232	swbyw
13	24	23	31	21	22	23	23	22	21	23	22	22	22	22	23	22	22	22	22	23	23	23	23	23	252	wsw
14	23	23	23	22	22	23	23	24	21	23	23	23	23	24	23	23	23	24	23	23	23	22	22	23	258	wbys
15	20	19	17	14	19	19	20	20	21	21	21	21	21	21	21	22	23	23	22	22	27	28	28	28	243	wsw
16	9	11	12	13	15	18	16	20	21	21	24	25	25	25	25	25	26	27	28	27	28	30	30	29	247	wsw
17	28	25	20	20	20	19	19	18	20	19	20	22	22	23	23	23	23	22	22	24	26	28	28	23	252	wsw
18	22	22	22	22	17	14	14	10	20	28	25	26	28	24	24	22	21	22	22	23	24	25	23	23	247	wsw
*19	24	23	23	23	23	23	29	20	18	20	Board Stopped.			—	20	19	21	21	22	23	24	25	24	27	?	?
20	25	24	20	21	21	21	22	23	23	25	22	22	22	20	20	20	21	21	33	24	22	23	22	22	248	wsw
21	22	21	23	22	21	21	21	20	20	20	22	22	21	20	20	19	20	22	23	22	22	22	18	18	235	swbyw
22	15	15	15	17	14	17	17	18	18	19	18	17	17	17	17	18	17	17	18	17	17	17	17	16	187	sbyw
*23	19	12	12	12	12	13	14	14	16	18	17	20	20	20	21	21	22	24	25	28	5	6	2	8	?	?
*24	10	10	11	12	13	14	14	14	14	16	18	19	21	21	21	21	22	24	23	30	8	6	8	9	?	?
25	8	7	9	11	11	14	15	15	13	22	21	21	21	21	21	20	12	20	23	7	9	9	9	10	188	sbye
26	12	12	12	12	12	12	13	13	13	13	12	13	12	19	19	18	13	12	17	12	12	12	12	12	159	sse
*27	12	12	12	12	12	12	13	13	13	17	17	12	20	19	19	18	17	18	12	13	13	Board Stopped.			?	?
*28	13	13	13	13	13	13	13	14	13	15	16	18	18	18	17	19	23	21	24	24	25	10	B. Stopped.		?	?
*29	20	11	19	14	14	16	12	—	Board Stopped.			—	—	—	22	24	27	20	26	25	25	23	23	23	?	?
30	24	21	21	22	28	28	23	19	28	21	22	22	23	23	22	22	22	22	24	23	24	23	22	22	259	wbys
31	23	23	24	23	22	20	20	20	20	18	20	24	24	24	25	28	24	25	22	24	23	23	23	2	251	wsw
Hourly Means.	° 238 swbs	° 212 swbs	° 215 swbs	° 202 swbs	° 211 swbs	° 212 swbs	° 221 sw	° 220 sw	° 227 sw	° 233 swbw	° 238 swbw	° 232 swbw	° 244 wsw	° 242 wsw	° 239 swbw	° 242 wsw	° 242 wsw	° 247 wsw	° 242 w sw	° 241 swbw	° 243 wsw	° 242 wsw	° 243 wsw	° 239 swbw	° 238	swbyw
No. of Observations with the wind in each Quarter N W	6	3	3	0	2	1	2	1	1	1	2	3	3	4	3	4	3	6	7	2	11	8	8	7	56	Obs. N W
S W	18	17	18	19	16	12	20	20	22	24	22	22	23	22	27	28	27	24	22	12	15	17	19	16	490	" S W
S E	9	10	11	11	12	10	8	8	5	2	2	2	1	1	1	0	0	0	1	2	4	3	4	5	112	" S E
N E	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	2	0	1	9	" N E

* The Observations of 1, 6, 8, 11, 19, 23, 24, 27, 28, and 29th are rejected from the hourly and daily Means.

FORCE OF THE WIND. AUGUST 1852.

Day	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
* 1	0·28	0·05	0·00	0·00	0·02	0·07	0·04	0·15	0·12	0·10	0·13	0·25	0·18	0·15	0·25	Board Stopped.			—	0·75	0·98	0·45	0·17	0·15	?
2	·06	·00	·94	·00	·00	·00	·00	·00	·12	·35	·24	·10	·14	·12	·10	·12	·85	1·80	2·83	2·58	1·75	0·90	·25	·95	0·60
3	·35	·14	·10	·92	·02	·00	·00	·00	·00	·00	·10	·08	·08	·05	·10	·12	·65	0·92	0·86	0·74	0·47	·32	·25	·30	·27
4	·08	·00	1·48	·00	·00	·00	·00	·00	·06	·15	·10	·00	·00	·08	·18	·10	·55	·98	·75	·62	·10	·00	·12	·00	·22
5	·02	·00	·00	·00	·42	·00	·08	·00	·02	·06	·12	·16	·10	·00	·08	·18	·72	·45	·42	·35	·43	·37	·26	·22	·19
6	·05	·07	·04	·08	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·30	·45	·82	·32	·13	·12	·10	·09
7	·00	·02	·00	·00	·00	·48	·32	·15	·00	·00	·02	·00	·00	·00	·03	·04	·08	·12	·18	·35	·17	·12	·10	·10	·10
* 8	·18	·68	·35	·26	·00	·05	·12	·08	·08	Board Stopped.			—	—	·00	·14	·35	·12	·28	·47	·42	·48	·23	·20	?
9	·00	·04	·00	·00	·00	·08	·10	·08	·08	·06	·00	·00	·00	·00	·00	·10	·12	·30	·84	·28	·24	·18	·14	·10	·09
10	·00	·00	·00	·00	·04	·00	·00	·06	·10	·14	·02	·00	·02	·04	·00	·08	·25	·78	1·00	1·45	1·30	·85	·92	·24	·30
*11	·12	·03	Board Stopped.			—	—	—	—	—	—	—	—	—	·08	·17	·98	1·35	1·25	1·13	1·20	1·50	1·35	1·55	?
12	·00	·25	·14	·12	·10	·16	·28	·43	·35	·17	·38	·45	·38	·32	·25	·10	·42	0·56	0·55	1·14	1·02	0·65	0·58	0·35	·89
13	·10	·05	·00	·00	·00	·00	·00	·15	·20	·18	·15	·35	·25	·24	·18	·10	·12	·35	1·69	1·35	1·02	·98	·75	·82	·37
14	·14	·12	·00	·00	·00	·00	·10	·14	·18	·35	·15	·08	·10	·03	·04	·04	·03	1·14	0·90	0·36	0·25	·28	·15	·10	·20
15	·08	·10	·00	·08	·23	·18	·10	·14	·35	·38	·42	·15	·14	·12	·03	·12	·18	0·20	·18	·08	·08	·05	·08	·04	·16
16	·00	·00	·00	·02	·00	·04	·08	·20	·43	·25	·20	·85	·00	·00	·15	·10	·25	·32	·25	·32	·18	·08	·00	·04	·15
17	·00	·00	·05	·00	·00	·00	·00	·00	·00	·15	·10	·17	·20	·10	·00	·00	·00	·00	·02	·06	,00	·00	·00	·02	·04
18	·00	·00	·00	·00	·00	·00	·00	·00	·08	·04	·10	·08	·00	·00	·00	·00	·04	·02	·08	·10	·32	·25	·62	·50	·10
*19	·14	·03	·00	·00	·00	·00	·00	·00	·00	·00	Board Stopped.			—	·00	·00	·00	·06	·14	·10	·04	·08	·14	·18	?
20	·04	·00	·08	·00	·00	·00	·02	·08	·08	·02	·02	·04	·08	·02	·06	·04	·10	·12	·11	·25	·80	·62	·35	·12	·12
21	·25	·12	·10	·00	·00	·00	·00	·00	·04	·00	·00	·00	·00	·08	·01	·10	·25	·85	·92	·45	·42	·35	·36	·28	·10
22	·22	·16	·04	·01	·90	·02	·02	·28	·12	·00	·00	·00	·00	·00	·00	·08	·15	·45	·28	·25	·42	·32	·15	·12	·16
23	·04	·14	·12	·10	·06	·01	·03	·00	·00	·00	·00	·02	·00	·00	·00	·09	·06	·20	·12	·10	·14	·12	·12	·10	·06
24	·12	·18	·00	·00	·00	·00	·01	·00	·03	·00	·00	·00	·00	·00	·00	·04	·06	·08	·10	·10	·13	·15	·14	·18	·06
25	·25	·22	·18	·08	·02	·04	·02	·08	·02	·00	·00	·00	·00	·00	·00	·08	·12	·16	·15	·03	·18	·25	·30	·32	·10
26	·30	·25	·18	·12	·10	·09	·10	·00	·00	·00	·00	·00	·00	·00	·00	·08	·14	·18	·14	·20	·24	·32	·38	·26	·13
*27	·20	·18	·16	·14	·16	·20	·22	·18	·10	·00	·00	·00	·02	·00	·08	·35	·70	·75	·52	·98	·80	Board Stopped.			?
*28	·85	·47	·30	·22	·15	·12	·15	·25	·32	·30	·15	·18	·18	·00	·15	·28	·18	·15	·00	·00	·10	·14	B. S.		?
*29	·95	·12	·10	·00	·00	·12	·18	Board Stopped.			—	—	—	—	·00	·08	·00	·00	·00	·10	·35	·28	·32	·26	?
30	·08	·00	·00	·00	·00	·00	·00	·00	·12	·08	·06	·02	·00	·00	·06	·12	·28	·30	·82	·10	·00	·00	·08	·14	·09
31	·02	·04	·02	·00	·00	·00	·00	·00	·00	·10	·12	·00	·00	·02	·02	·00	·04	·12	·10	·12	·00	·06	·04	·18	·04
Means.	·09	·06	·14	·06	·08	·04	·05	·07	·10	·10	·09	·11	·08	·06	·08	·07	·24	·44	·58	·48	·41	·30	·27	·23	·17

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of 1, 8, 11, 19, 27, 28, and 29th are rejected from the hourly and daily Means.

DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. SEPTEMBER 1852.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	2	13	14	14	14	18	17	18	18	18	18	19	18	18	2	4	0	0	4	4	2	4	4	4	75	EbyN
2	21	4	4	4	9	12	14	14	15	14	14	17	18	17	20	20	20	20	20	20	19	21	21	21	177	s
•3	23	22	25	17	Board Stopped.			—	—	—	—	—	—	17	—	Board Stopped.			—	—	25	25	24	25	?	?
4	25	25	28	27	27	27	21	20	17	19	17	20	20	21	21	24	28	26	27	23	24	23	21	21	258	wbys
•5	13	18	13	13	14	14	15	15	15	15	15	17	19	12	20	23	24	24	25	25	28	2	3	5	?	?
•6	7	8	2	7	13	8	12	12	12	13	17	17	17	20	21	22	22	22	22	8	5	2	7	0	?	?
7	8	2	9	9	11	11	11	11	11	13	20	20	20	22	23	23	23	24	24	24	19	12	10	10	179	s
•8	11	10	13	22	24	24	24	24	26	29	30	30	30	30	29	29	29	20	2	5	2	0	2	5	?	?
9	5	4	4	4	28	21	17	22	29	28	29	22	22	26	27	26	23	20	31	20	0	4	2	5	187	ssE
•10	0	8	6	9	9	8	23	22	28	29	16	22	22	24	25	21	22	23	23	24	23	23	20	23	?	?
•11	28	30	29	23	10	16	10	16	16	18	18	18	20	20	14	17	17	18	12	20	17	2	10	10	?	?
12	17	18	21	14	14	20	21	19	21	22	23	25	19	22	20	20	20	19	20	19	12	12	12	13	208	ssw
13	13	13	13	29	8	3	7	11	15	18	17	17	13	12	10	10	7	8	10	11	11	7	5	6	169	ssE
14	14	12	12	17	18	20	24	21	21	20	17	17	12	18	18	18	17	17	18	21	12	12	18	16	206	ssw
•15	10	15	14	14	14	15	15	18	18	15	Board Stopped.			—	14	14	18	17	18	18	17	17	17	17	?	?
16	20	18	18	18	18	12	20	20	18	12	21	20	20	20	19	18	20	20	20	20	20	20	21	21	215	swbys
17	22	20	12	17	19	20	21	21	20	20	21	20	19	19	18	12	18	19	12	20	20	19	18	12	218	swbys
18	19	18	18	12	18	16	19	18	18	19	19	18	18	17	15	18	17	19	19	19	19	19	20	20	200	ssw
19	20	19	18	18	19	17	19	20	21	20	20	20	20	20	20	20	20	20	20	19	18	20	18	16	217	swbys
•20	12	12	13	18	13	14	14	13	13	15	15	15	18	19	20	21	21	21	22	25	27	24	25	5	?	?
•21	2	10	12	12	13	14	15	15	17	18	18	18	19	19	20	22	25	26	27	27	27	27	7	11	?	?
22	9	10	11	12	12	12	12	12	13	12	12	16	17	17	17	20	24	24	25	23	23	25	9	9	177	s
23	8	10	11	12	12	13	13	13	13	13	14	10	17	12	12	22	24	25	27	28	22	22	22	9	187	sbyw
24	7	8	8	9	12	11	10	10	12	12	12	12	12	15	17	20	20	20	20	20	19	19	18	18	169	ssE
25	12	12	13	14	15	13	15	15	15	15	16	16	18	17	17	12	21	21	23	24	22	23	22	24	198	ssw
26	11	11	12	12	13	12	14	14	14	15	15	15	16	10	18	17	20	20	23	22	25	22	12	13	181	s
27	11	11	11	11	11	12	13	12	12	12	15	10	15	15	17	17	16	17	13	20	12	12	12	12	155	ssE
28	13	13	13	13	13	12	14	14	12	16	16	18	29	13	14	18	17	18	12	13	13	12	13	14	166	sbyE
29	12	12	12	12	12	12	12	12	12	14	17	17	21	21	23	21	20	19	23	12	12	12	12	12	171	sbyE
30	12	13	12	12	12	12	12	12	12	12	16	19	12	19	19	19	12	18	18	12	12	12	12	19	190	ssE
Hourly Means No. 1	o 175 s	o 152 ssE	o 166 sbE	o 162 ssE	o 171 sbE	o 190 sbw	o 183 s	o 185 s	o 184 s	o 190 sbw	o 199 ssw	o 201 ssw	o 201 ssw	o 211 swbs	o 220 sw	o 219 swbs	o 233 swbw	o 235 swbw	o 248 wsw	o 239 swbw	o 221 sw	o 232 swbw	o 190 sbw	o 181 s	o 199 ssw	o 173 sbE
Hourly Means No. 2	106 Ebs	124 sEbE	125 sEbE	101 Ebs	99 E	98 Ebs	53 s	109 EsE	132 sE	127 sEbs	146 sEbs	142 sEbs	154 ssE	138 sE	119 sEbE	129 sEbE	125 sEbE	133 sE	132 sE	122 sEbE	118 EsE	117 EsE	114 EsE	114 EsE	121 sEbE	
No. of Observations, with the wind in each Quarter. N W	2	2	3	3	3	2	2	1	3	3	9	2	2	2	8	3	7	7	8	7	2	4	2	2	81.	obs. N W
S W	8	8	5	2	8	10	10	11	10	11	18	23	23	23	20	22	20	20	17	15	14	18	12	10	[illegible]33	,, S W
S E	15	18	12	18	19	16	15	17	18	15	2	2	2	4	2	3	0	1	2	4	8	7	9	11	[illegible]34	,, S E
N E	5	4	4	3	1	1	1	0	0	0	0	0	0	0	1	1	2	1	2	3	4	0	7	7	52	,, N E

• The Observations of 3,5,6,8,10,11,15,20,21st are rejected from the hourly and daily Means.

FORCE OF THE WIND. SEPTEMBER 1852.

	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·30	0·00	0·00	0·00	0,00	0·60	0·04	0·00	0·00	0·06	0·03	0·00	0·00	0,00	0·00	0·08	0·02	0·04	0·04	0·08	0·06	0·08	0·10	0·10	0·04
2	·08	·00	·00	·00	·00	·00	·00	·00	·06	·05	·03	·02	·00	·00	·04	·08	·35	·67	·10	·40	·00	·42	·38	·00	·10
•3	·00	·00	·00	·02	Board Stopped.			—	—	—	—	—	—	·06	—	Board Stopped.			—	—	·12	·08	·10	·06	?
4	·06	·00	·02	·01	·00	·00	·00	·01	·04	·00	·00	·05	·00	·00	·00	·04	·08	·02	·09	·07	·04	·03	·04	·05	·03
5	·08	·05	·09	·08	·00	·05	·04	·02	·02	·03	·01	·00	·00	·00	·00	·08	·12	·14	·12	·10	·10	·09	·11	·17	·07
6	·18	·12	·02	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·03	·04	·04	·06	·14	·12	·10	·08	·04
7	·14	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·02	·08	·02	·00	·00	·15	·18	·12	·04
8	·06	·00	·02	·00	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·01	·04	·00	·00	·05	·06	·01
9	·08	·02	·04	·00	·00	·00	·09	·04	·07	·05	·00	·00	·00	·00	·00	·05	·07	·02	·06	·05	·08	·12	·14	·15	·05
10	·02	·01	·00	·02	·01	·00	·00	·00	·00	·00	·00	·00	·03	·08	·03	·00	·00	·04	·08	·10	·08	·04	·00	·02	·02
11	·02	·04	·00	·00	·00	·10	·06	·00	·00	·00	·00	·04	·00	·00	·04	·10	·12	·14	·08	·02	·06	·14	·18	·12	·06
12	·25	·23	·12	·00	·00	·10	·04	·08	·10	·10	·12	·11	·00	·00	·04	·08	·00	·08	·02	·00	·00	·00	·07	·12	·07
13	·00	·02	·00	·00	·06	·00	·00	·08	·20	·10	·00	·00	·00	·00	·00	·00	·00	·08	·12	·14	·12	·10	·11	·12	·05
14	·14	·19	·06	·12	·11	·08	·00	·00	·00	·00	·00	·02	·04	·02	·02	·04	·08	·35	·85	·53	1·02	·94	·80	·05	·26
•15	·80	·28	·28	·22	·20	·18	·14	·12	·10	·10	Board Stopped.			—	·08	·12	·14	·48	·96	·92	1·12	·98	·80	·25	?
16	·35	·18	·20	·24	·28	·28	·24	·19	·08	·00	·00	·00	·00	·00	·00	·08	·12	·25	·85	1·10	1·85	1·79	1·95	1·45	·47
17	·85	·10	·00	·00	·05	·02	·12	·12	·15	·25	·16	·14	·10	·12	·08	·06	·14	·18	·35	·480	0·65	0·24	0·53	0·52	·24
18	·20	·15	·17	·08	·03	·10	·06	·04	·09	·00	·00	·00	·00	·00	·04	·08	·18	·26	·62	·80	·42	·25	·30	·27	·17
19	·25	·14	·02	·04	·06	·08	·12	·07	·02	·02	·00	·15	·08	·09	·05	·10	·12	·14	·32	·20	·10	·24	·22	·18	·12
20	·08	·12	·10	·10	·08	·08	·05	·02	·02	·02	·05	·06	·01	·02	·08	·28	·30	·32	·25	·16	·10	·08	·00	·05	·11
21	·08	·05	·00	·00	·00	·00	·00	·00	·09	·00	·08	·08	·05	·10	·07	·11	·15	·18	·12	·12	·14	·13	·08	·12	·09
22	·14	·12	·08	·10	·06	·08	·00	·00	·08	·12	·15	·10	·09	·00	·00	·04	·10	·12	·17	·18	·14	·10	·12	·15	·07
23	·10	·08	·06	·07	·05	·02	·03	·08	·10	·12	·14	·10	·00	·00	·00	·00	·10	·12	·10	·08	·08	·07	·11	·05	·07
24	·11	·08	·00	·00	·06	·02	·02	·09	·00	·08	·04	·01	·00	·00	·00	·14	·13	·18	·12	·18	·14	·10	·11	·09	·07
25	·10	·14	·10	·10	·12	·08	·00	·08	·14	·18	·18	·22	·24	·06	·08	·10	·15	·14	·12	·15	·12	·10	·10	·00	·12
26	·15	·18	·10	·14	·12	·00	·00	·14	·10	·10	·12	·14	·15	·10	·10	·10	·12	·12	·12	·10	·10	·10	·09	·12	·12
27	·12	·10	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·10	·08	·13	·28	·27	·20	·14	·12	·14	·29	·28	·31	·11
28	·32	·20	·17	·10	·06	·00	·08	·06	·00	·00	·00	·00	·25	·02	·02	·18	·16	·10	·08	·15	·17	·12	·25	·22	·14
29	·20	·18	·08	·02	·06	·08	·02	·07	·02	·18	·12	·04	·00	·00	·00	·08	·10	·08	·00	·10	·12	·14	·13	·15	·08
30	·12	·12	·00	·00	·00	·06	·08	·10	·08	·00	·00	·00	·00	·00	·00	·08	·10	·18	·12	·08	·18	·20	·24	·22	·08
Means	·17	·09	·06	·05	·05	·04	·04	·05	·05	·08	·05	·05	·06	·02	·03	·08	·13	·14	·18	·21	·22	·23	·24	·21	·10

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

• The Observations of 3 and 15th are rejected from the hourly and daily Means.

DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. OCTOBER 1852.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction.
Madras Mean Time.	P. M. h. m. 4·41	h. m. 5·41	h. m. 6·41	h. m. 7·41	h. m. 8·41	h. m. 9·41	h. m. 10·41	h. m. 11·41	h. m. 12·41	h. m. 13·41	h. m. 14·41	h. m. 15·41	h. m. 16·41	h. m. 17·41	h. m. 18·41	h. m. 19·41	h. m. 20·41	h. m. 21·41	h. m. 22·41	h. m. 23·41	h. m. 0·41	h. m. 1·41	h. m. 2·41	h. m. 3·41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.		
1	12	12	12	12	12	12	12	12	12	23	23	23	22	15	17	19	18	15	20	7	7	7	9	9	161	SSE
2	7	7	8	2	9	9	9	9	9	18	18	18	18	12	13	17	13	20	3	7	8	9	7	7	81	EbyN
3	7	5	7	7	2	8	8	3	3	17	17	18	20	23	23	25	20	20	6	9	4	5	6	4	131	SE
4	4	3	8	2	2	2	2	2	2	0	30	29	28	28	28	28	0	1	2	1	1	3	3	2	7	NbyE
5	4	5	5	5	5	5	6	5	5	5	5	5	5	5	6	0	1	5	5	6	8	4	5	5	4[illegible]	NE
6	5	5	3	5	5	5	5	4	4	4	3	1	30	31	31	31	31	1	1	2	3	4	4	4	34	NEbyN
7	4	4	3	3	2	1	0	30	30	31	31	31	31	31	30	30	29	29	6	6	7	5	6	6	13	NbyE
8	3	3	3	6	6	9	8	9	12	18	16	16	16	16	16	13	23	20	21	23	26	27	26	26	175	S
9	25	26	28	25	24	27	26	23	27	24	28	24	24	20	20	20	19	17	15	15	14	14	14	14	239	SWbyW
10	13	13	13	18	14	14	14	14	15	14	13	13	15	15	15	15	16	15	14	14	13	12	13	12	157	SSE
11	14	14	14	14	15	16	18	17	19	17	17	17	19	19	19	91	20	21	21	18	10	9	8	9	178	S
12	11	12	12	13	18	13	13	13	13	13	17	17	17	17	17	23	21	21	20	9	8	10	12	12	163	SSE
*13	12	12	12	10	10	10	10	10	10	10	10	18	18	18	28	29	30	31	12	9	2	9	9	9	?	?
*14	12	13	12	12	13	12	12	12	14	15	19	21	21	21	21	23	22	19	21	28	30	1	10	16	?	?
*15	11	10	10	10	10	10	11	14	14	17	22	22	20	20	22	22	21	23	21	21	22	30	28	28	?	?
16	26	23	28	27	26	26	23	23	22	22	93	22	23	23	25	25	25	25	28	28	26	29	29	30	283	WbyN
*17	31	31	31	31	30	4	14	21	21	22	31	25	25	26	29	29	31	31	31	2	9	Board Stopped.			?	?
18	1	1	0	0	3	2	2	31	28	0	3	29	27	24	21	21	22	22	25	28	24	27	27	28	31[illegible]	NW
19	31	31	31	30	30	28	26	26	26	28	29	22	29	29	28	29	29	30	30	0	31	0	31	30	331	NWbyN
20	30	30	31	29	22	30	30	29	26	22	29	29	29	28	27	27	22	26	25	25	1	1	1	1	327	NWbyN
21	21	20	20	19	19	19	18	17	20	17	18	16	15	15	15	15	13	15	14	14	14	14	14	14	186	SbyW
22	12	13	13	13	18	14	15	14	14	14	16	14	13	15	15	15	15	15	14	13	13	13	13	13	157	SSE
23	14	14	14	14	15	15	16	17	16	18	18	13	18	17	19	17	19	16	12	17	16	16	15	13	185	S
24	13	13	13	13	13	16	18	14	14	16	20	20	21	20	20	18	18	18	15	16	14	12	13	12	173	SbyE
25	13	13	13	13	13	14	14	15	15	15	16	10	20	20	18	19	20	20	20	16	17	13	12	13	175	S
26	14	14	14	14	14	14	13	13	13	23	23	23	26	23	23	18	13	13	13	4	2	12	12	12	169	SbyE
27	12	12	12	12	12	12	12	19	12	13	12	12	14	20	20	23	23	22	22	10	10	9	2	9	157	SSE
28	10	9	8	8	8	6	2	6	3	8	4	4	28	23	28	28	0	0	6	5	5	5	4	4	49	NE
29	4	4	4	4	4	4	4	4	2	2	1	0	30	30	30	31	31	0	1	4	3	2	3	3	22	NNE
30	3	3	2	3	3	3	7	4	1	1	1	1	1	8	20	0	61	27	29	29	29	31	31	31	5	N
*31	4	4	4	Board Stopped.			—	—	—	—	—	—	—	—	3	4	8	6	7	9	9	7	9	10	?	?
Hourly Means No. 1	148° SEbS	145° SEbS	148° SEbS	148° SEbS	150° SEbS	157° SSE	155° SSE	158° SSE	164° SbE	167° SbW	196° SbW	197° SSW	206° SSW	203° SSW	206° SSW	211° SWbS	210° SWbS	199° SSW	180° S	143° SEbS	132° SE	133° SE	135° SE	134° SE	139° SbE	97° EbyS
Hourly Means No. 2	27 NNE	23 NNE	25 NNE	20 NNE	21 NNE	16 NNE	13 NbE	6 N	358 N	2 N	352 N	348 NbW	331 NWbN	303 NWbW	312 NW	321 NWbN	322 NWbN	334 NNW	357 N	0 N	9 NbE	16 NbE	16 NbE	16 NbE	353 N	
No. of Observations with the wind in each quarter NW	5	5	5	2	5	4	3	6	6	8	6	7	10	9	10	11	10	7	7	4	6	5	8	6	152	Obs. NW
SW	1	1	1	1	1	2	4	5	6	9	15	15	14	15	13	14	14	13	2	7	3	1	0	1	165	,, SW
SE	14	14	14	14	16	16	16	15	14	10	3	2	4	8	2	3	3	5	7	8	11	12	16	14	339	,, SE
NE	11	11	11	10	2	8	7	5	5	6	2	5	2	1	3	3	4	8	9	12	11	12	9	9	174	,, NE

The Observations of 13, 14, 15, 17 and 31st are rejected from the Hourly and Daily Means.

FORCE OF THE WIND. OCTOBER 1852.

Day	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·35	0·32	0·18	0·06	0·08	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·10	0·12	0·14	0·08	0·00	0·14	0·15	0·17	0·19	0·09
2	·14	·10	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·18	·13	·18	·16	·05
3	·18	·16	·06	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·14	·18	·18	·20	·22	·06
4	·18	·10	·12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·07	·02	·14	·18	·32	·25	·15	·07
5	·12	·09	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·06	·10	·12	·22	·18	·27	·45	·07
6	·32	·30	·25	·12	·19	·13	·08	·00	·00	·00	·00	·00	·00	·00	·04	·08	·12	·15	·18	·17	·75	·12	·15	·27	·15
7	·45	·42	·38	·32	·56	·43	·35	·28	·40	·36	·66	·35	·32	·25	·15	·32	·62	·25	·47	·85	2·17	·55	2·45	4·12	·78
8	2·51	1·53	1·58	1·35	2·25	·32	·56	·58	·27	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	0·06	·08	0·04	0·08	·62
9	0·00	0·00	0·00	0·00	0·00	·08	·10	·12	·15	·12	·14	·18	·17	·07	·10	·19	·20	·65	·27	1·15	·58	·72	1·02	1·25	·35
10	·72	1·24	·35	·28	·62	·55	1·75	1·70	·27	·20	·06	·19	·35	·62	·32	·45	·78	·69	·25	0·23	·20	·18	0·16	0·15	·55
11	·20	0·14	·12	·10	·10	·12	0·06	0·06	·04	·00	·00	·00	·00	·00	·00	·02	·04	·08	·08	·08	·00	·10	·12	·11	·07
12	·12	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·04	·04	·00	·08	·12	·14	·14	·03
13	·14	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·10	·12	·14	·03
14	·10	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·05	·03	·03	·07	·05	·08	·10	·03
15	·08	·06	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·08	·12	·10	·10	·09	·48	·87	·25	·22	·10
16	·10	·12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·14	·15	·17	·18	·20	·24	·05
*17	·28	·18	·03	·00	·00	·04	·08	·00	·00	·20	·17	·06	·00	·00	·04	·10	·14	·18	·16	·10	·05	Board Stopped			?
18	·10	·00	·02	·00	·00	·00	·00	·00	·03	·00	·00	·08	·00	·00	·00	·04	·02	·06	·06	·10	·07	·05	·00	[illegible]	·02
19	·06	·00	·04	·00	·00	·00	·00	·00	·04	·05	·12	·04	·05	·03	·06	·08	·07	·09	·12	·38	·63	·85	·80	·26	·16
20	1·78	·30	·95	·27	·12	·97	·27	·12	·15	·58	2·42	2·30	2·28	3·06	1·68	1·57	1·38	1·80	2·48	1·30	1·92	2·60	2·80	2·62	1·51
21	2·66	2·35	1·65	2·48	3·15	2·95	3·85	3·45	3·02	1·55	1·04	0·85	0·25	0·27	0·82	0·77	0·82	0·87	0·72	0·68	1·35	0·62	0·42	0·66	1·56
22	0·15	0·18	0·17	0·23	0·32	0·35	0·32	0·20	0·15	0·14	0·12	·06	·07	·08	·02	·12	·47	·36	·32	·27	0·25	·25	·26	·27	0·22
23	·27	·25	·18	·15	·12	·14	·17	·10	·12	·20	·18	·00	·00	·00	·25	·22	·36	·32	·20	·16	·17	·10	·14	·16	·16
24	·18	·10	·08	·08	·02	·07	·03	·02	·00	·07	·12	·14	·00	·00	·00	·08	·12	·08	·06	·14	·12	·15	·19	[illegible]	·05
25	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·12	·15	·17	·16	·14	·08	·04	·07	·09	·05
26	·06	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·06	·08	·05	·06	·04	·06	[illegible]	·02
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·08	·10	·13	[illegible]	·02
28	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·04	·06	·05	·03	[illegible]	·01
29	·14	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·03	·09	·12	·16	·13	·20	·17	·05
30	·12	·06	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·06	·00	·23	·02	·00	·00	·08	·12	·10	·10	[illegible]	·06
*31	·10	·04	·00	Board Stopped.			—	—	—	—	—	—	—	—	·02	·06	·05	·08	·45	·37	·10	·06	·06	[illegible]	
Means.	·40	·29	·23	·22	·28	·24	·28	·23	·16	·12	·18	·14	·12	·16	·11	·17	·20	·21	·24	·25	·36	·32	·38	·44	·24

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome The inertia of the Instrument.

* The Observations of 17 and 31st are rejected from the hourly and daily Means.

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DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. NOVEMBER 1852.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	1	3	2	2	3	3	3	4	4	4	3	3	3	3	3	4	4	4	4	4	4	3	3	3	36	NbyE
*2	3	3	3	4	3	4	4	4	4	4	4	4	3	4	3	Board stopped.			—	—	4	4	4	3	?	?
3							Disorder.																			
4							Disorder.																			
*5	2	28	31	29	28	12	26	0	3	25	25	21	28	22	27	30	1	1	3	3	4	7	8	17	?	?
6	6	8	2	2	1	21	31	31	27	30	29	30	30	29	29	30	31	30	30	28	0	6	30	31	352	Nbyw
7	1	1	1	1	2	2	4	3	4	4	29	30	29	30	22	29	30	30	30	30	30	30	30	30	357	N
8	31	31	31	30	22	28	23	23	29	29	29	29	22	22	30	30	31	21	31	31	31	31	31	31	337	NNW
9	1	0	0	1	1	1	1	0	26	28	28	30	22	22	21	31	31	31	31	31	31	1	0	1	341	Nbyw
10	0	0	0	1	2	2	2	0	21	22	23	28	23	22	29	29	30	31	31	31	31	0	31	2	339	NNW
*11	2	0	2	31	31	28	30	30	27	28	12	17	15	15	10	8	5	5	4	4	5	3	4	4	?	?
12	5	6	8	8	7	6	6	5	6	2	8	8	9	3	6	4	5	8	26	22	30	1	1	2	[illegible]	NE
13	4	7	7	2	0	4	2	28	31	28	21	28	28	23	22	31	0	3	2	4	5	5	6	4	7	NbyE
14	31	0	3	0	29	22	1	1	1	1	0	31	21	30	31	0	1	2	2	3	8	2	1	1	4	N
15	3	3	3	3	3	3	3	1	1	1	0	0	29	22	29	30	31	31	0	0	1	1	1	1	7	NbyE
16	0	0	0	0	0	30	2	3	3	29	30	30	31	31	31	31	31	31	31	1	0	4	4	0	0	N
17	0	0	0	31	31	31	31	4	4	4	4	3	2	2	0	1	2	1	0	31	31	0	4	3	13	NbyE
18	3	1	2	1	1	4	4	3	3	3	3	3	2	2	3	2	4	4	3	6	3	4	3	3	35	NEbyN
19	3	2	1	1	1	1	3	4	4	3	2	3	2	2	31	31	31	4	4	4	4	4	4	4	25	NNE
20	2	2	2	3	3	3	3	3	3	3	31	31	31	29	28	22	30	1	4	4	2	1	2	2	13	NbyE
21	1	0	31	31	31	31	31	31	31	31	31	28	25	28	23	28	28	0	1	3	4	4	1	2	352	Nbyw
22	3	3	1	1	2	1	1	4	4	4	4	4	3	3	28	29	29	2	3	4	3	3	3	4	23	NNE
*23	2	2	2	2	2	2	2	31	31	31	Board stopped.			—	30	30	31	3	3	3	3	2	B. S.		?	?
24	4	4	4	3	3	3	3	2	2	28	28	28	29	31	31	4	4	4	4	4	4	4	4	4	[illegible]	NNE
25	5	6	6	4	4	3	6	4	4	4	4	3	3	4	3	6	5	4	4	4	4	4	4	4	45	NE
26	1	1	1	0	1	0	0	6	2	1	29	22	29	22	29	29	30	30	30	3	3	3	3	3	1	N
27	3	3	3	3	2	3	2	2	2	2	31	4	6	4	2	1	3	2	2	2	2	2	2	2	26	NNE
28	1	1	1	2	2	2	1	1	1	1	0	0	1	31	0	30	30	30	31	31	0	0	31	0	2	N
*29	20	30	29	31	29	29	22	23	28	29	22	1	2	18	16	18	22	1	13	12	4	8	10	10	?	?
30	5	4	1	3	3	31	31	0	31	22	29	12	27	30	21	30	31	1	2	4	4	8	3	3	13	NbyE
Hourly Means.	° 25 NNE	° 23 NNE	° 31 NNE	° 13 NNE	° 16 NbE	° 14 NbE	° 12 NNE	° 21 NNE	° 10 NbE	° 4 N	° 350 Nbw	° 0 N	° 358 N	° 356 N	° 351 Nbw	° 4 N	° 1 N	° 12 NbE	° 11 NbE	° 17 NNE	° 19 NNE	° 25 NNE	° 20 NNE	° 22 NNE	° 11	NbyE

* The Observations of 2, 5, 11, 23 and 29th are rejected from the Hourly and Daily Means.

No. of Observations with the wind in each Quarter	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total	
N W	3	3	4	6	7	9	3	7	9	12	13	12	16	16	18	17	15	9	9	8	0	2	5	3	216	Obs. NW
S W	0	0	0	0	0	1	0	0	1	1	3	2	0	0	0	1	1	0	0	0	0	0	0	1	11	„ SW
S E	0	0	0	1	0	0	0	0	0	1	1	1	3	3	2	1	0	0	2	1	0	0	3	1	12	„ SE
N E	25	26	24	21	21	18	20	21	18	14	10	12	9	8	8	3	11	18	16	18	22	28	20	23	415	„ NE

FORCE OF THE WIND. NOVEMBER 1852.

Day	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·08	0·10	0·07	0·08	0·02	0·03	0·03	0·01	0·07	0·04	0·02	0·00	0·00	0·00	0·03	0·05	0·10	0·12	0·14	0·18	0·15	0·17	0·15	0·14	0·07
*2	·20	·18	·19	·17	·15	·12	·10	·05	·04	·09	·08	·08	·02	·01	·04	Board Stopped			—	—	·08	·15	·18	·18	?
3								Disorder.																	
4								Disorder.																	
5	·04	·07	·08	·02	·00	·00	·00	·02	·00	·00	·00	·00	·00	·02	·00	·00	·00	·15	·20	·24	·22	·29	·25	·00	·07
6	·08	·04	·05	·02	·08	·02	·00	·00	·00	·07	·05	·12	·10	·17	·13	·15	·20	·17	·18	·15	·22	·35	·17	·15	·11
7	·35	·32	·26	·17	·18	·24	·15	·18	·50	·07	·09	·10	·18	·15	·20	·24	·28	·27	·24	·22	·89	·88	1·77	1·60	·41
8	1·12	·42	·25	·12	·06	·03	·08	·07	·06	·08	·12	·14	·15	·26	·23	·32	·22	·35	·38	·36	·42	·87	0·36	0·42	·28
9	0·35	·27	·22	·10	·03	·00	·00	·00	·00	·00	·00	·11	·10	·08	·08	·14	·16	·23	·28	·32	·36	·42	·44	·48	·17
10	·35	·27	·18	·14	·08	·00	·00	·00	·00	·00	·00	·00	·00	·06	·09	·15	·85	·87	·73	·70	·58	·45	·24	·18	·23
11	·28	·08	·00	·07	·03	·03	·14	·42	·35	·18	·08	·10	·10	·00	·00	·00	·12	·10	·14	·16	·18	·20	·18	·15	·13
12	·15	·13	·10	·12	·15	·18	·16	·14	·12	·30	·12	·08	·06	·00	·00	·00	·04	·08	·00	·02	·08	·14	·00	·08	·11
13	·08	·06	·00	·00	·05	·03	·00	·00	·00	·00	·02	·00	·00	·00	·00	·08	·07	·08	·07	·06	·05	·04	·08	·04	·03
14	·10	·08	·02	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·04	·12	·15	·18	·12	·15	·17	·18	·15	·06
15	·18	·15	·12	·03	·00	·00	·04	·00	·00	·00	·00	·00	·00	·00	·00	·06	·08	·13	·17	·20	·24	·26	·95	·88	·15
16	·85	·80	·22	·15	·14	·10	·09	·07	·02	·00	·04	·05	·10	·08	·00	·06	·00	·00	·00	·08	·09	·04	·12	·06	·09
17	·08	·16	·04	·06	·00	·05	·00	·08	·07	·07	·06	·00	·05	·03	·00	·04	·15	·08	·10	·09	·15	·07	·35	·14	·08
18	·14	·12	·11	·08	·00	·07	·03	·03	·07	·04	·02	·04	·10	·02	·07	·11	·14	·10	·00	·07	·05	·02	·14	·12	·07
19	·10	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·04	·03	·14	·18	·18	·30	·18	·18	·12	·05
20	·13	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·06	·05	·04	·10	·12	·13	·15	·12	·08	·04
21	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·08	·08	·10	·08	·08	·02
22	·08	·06	·00	·00	·00	·00	·00	·30	·00	·00	·00	·00	·00	·00	·00	·00	·07	·15	·13	·55	·28	·90	·24	·18	·05
*23	·12	·00	·04	·06	·04	·02	·00	·00	·00	·00	Board Stopped.			—	·00	·00	·00	·14	·15	·17	·12	·18	B. S.		?
24	·08	·06	·03	·02	·09	·00	·00	·00	·00	·09	·00	·00	·00	·00	·00	·14	·22	·35	·38	·46	·45	·50	·33	·36	·15
25	·82	·45	·35	·10	·07	·08	·00	·00	·00	·10	·08	·05	·00	·06	·10	·15	·17	·19	·25	·24	·23	·20	·17	·15	·16
26	·16	·12	·10	·45	·04	·08	·10	·23	·17	·00	·00	·02	·00	·08	·09	·14	·12	·10	·13	·15	·38	·27	·22	·15	·14
27	·25	·23	·32	·28	·28	·26	·35	·28	·19	·17	·12	·10	·00	·08	·00	·00	·06	·08	·10	·12	·14	·18	·18	·15	·16
28	·16	·14	·12	·15	·16	·18	·17	·20	·20	·18	·14	·16	·17	·10	·12	·08	·10	·13	·15	·18	·35	·34	·29	·15	·17
29	·24	·23	·18	·16	·08	·10	·12	·33	·24	·22	·20	·14	·16	·17	·10	·00	·00	·00	·00	·00	·00	·08	·00	·04	·12
30	·08	·02	·00	·00	·00	·00	·00	·00	·00	·00	·04	·08	·00	·06	·05	·14	·13	·10	·35	·30	·32	·38	·29	·26	·11
Means.	·22	·15	·11	·09	·08	·08	·05	·08	·08	·08	·04	·05	·05	·06	·06	·08	·12	·16	·13	·21	·23	·25	·23	·24	·13

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of 2, and 23rd are rejected from the hourly and daily Means.

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DIRECTION AND FORCE OF THE WIND.

Gottingen Mean Time	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
DIRECTION OF THE WIND. DECEMBER 1852.	parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	5	2	1	0	0	31	8	5	13	30	30	31	28	1	30	0	1	31	23	28	29	28	38	28	0	N
2	30	29	30	1	1	1	0	31	31	29	29	30	30	29	29	30	30	30	30	31	31	30	30	30	342	NNW
3	29	29	28	23	29	22	29	29	30	23	28	29	31	31	31	31	28	0	31	0	0	0	0	0	337	NNW
*4	2	2	2	2	2	2	2	8	8	15	8	13	23	21	21	25	28	2	8	10	10	9	7	7	?	?
*5	8	6	2	5	7	5	4	5	8	2	28	23	1	27	17	12	10	10	10	10	10	19	10	10	?	?
*6	10	10	10	10	11	11	11	11	9	9	9	9	9	30	21	25	26	28	4	8	8	6	7	7	?	?
7	9	10	8	10	9	10	9	9	9	9	9	2	2	2	2	10	8	9	8	8	8	8	8	7	65	N
8	8	9	9	2	9	9	2	7	7	8	8	5	2	2	29	29	4	8	4	2	4	4	4	4	58	NEbyE
9	4	4	4	4	1	29	30	22	31	31	31	29	29	22	29	29	29	30	30	31	1	0	31	31	351	NbyW
10	0	0	0	0	31	29	29	29	28	27	28	29	29	29	29	29	22	29	29	30	31	31	31	1	332	NNW
*11	2	2	2	2	1	2	1	1	1	30	30	Board stopped.			—	—	30	30	21	2	31	0	1	1	?	?
12	1	0	31	31	31	29	29	29	30	1	0	0	0	1	0	31	3	3	4	4	4	4	4	2	7	NbyE
13	30	0	0	0	30	1	2	2	2	2	2	2	2	1	2	2	2	2	2	3	3	3	3	3	18	NNE
14	2	2	2	2	3	2	4	5	4	3	3	3	1	31	30	30	0	0	3	2	2	2	2	3	20	NNE
15	3	3	0	0	0	0	31	31	29	22	30	29	29	30	30	29	30	30	31	0	1	1	1	2	352	NbyW
16	2	1	1	1	0	1	0	29	29	29	29	29	29	31	30	31	31	21	0	1	1	1	1	1	354	NbyW
17	0	0	1	0	1	2	2	2	3	4	0	4	30	29	29	30	29	30	31	4	5	8	6	6	14	NbyE
18	1	3	3	2	1	1	1	1	29	30	30	30	1	4	0	4	8	29	30	29	23	5	7	7	11	NbyE
19	1	1	2	4	4	4	4	3	4	3	3	1	0	30	30	0	0	30	3	2	3	2	2	2	19	NNE
20	1	1	1	1	0	30	0	31	31	0	0	0	30	29	29	29	29	30	31	31	31	0	0	1	353	NbyW
21	2	1	1	1	1	1	1	1	1	28	29	29	29	30	30	30	31	31	31	21	0	1	1	1	355	N
*22	0	0	31	31	31	31	30	30	30	29	29	20	15	25	29	29	29	30	30	31	31	2	0	3	?	?
23	1	1	2	2	3	3	4	4	4	4	28	30	30	30	30	30	31	31	30	30	31	0	1	1	4	N
24	2	2	1	2	1	1	1	1	0	31	29	29	29	29	30	30	30	31	31	31	1	4	4	5	1	N
25	4	4	4	4	4	4	3	3	3	3	3	3	2	23	23	1	0	2	2	2	3	2	2	4	21	NNE
26	3	3	3	3	3	3	3	3	3	30	29	29	29	31	29	30	30	31	1	1	3	2	2	3	9	NbyE
27	0	30	30	30	29	29	23	22	29	30	29	29	29	29	29	29	29	30	31	31	31	31	31	31	336	NNW
28	30	31	30	22	30	30	30	1	29	29	29	29	28	28	29	29	29	30	30	30	30	30	31	31	335	NNW
29	0	0	21	31	31	0	1	29	29	30	31	31	30	29	20	30	31	30	31	31	31	1	2	2	341	NbyW
30	0	1	31	20	30	29	29	28	29	28	29	29	29	28	28	22	29	22	31	31	21	0	1	2	337	NNW
31	1	0	0	0	0	0	31	31	29	28	29	29	29	29	30	31	31	31	30	31	0	1	1	1	350	NbyW
Hourly Means.	18° NNE	13° NbE	13° NbE	14° NbE	11° NbE	8° NbE	18° NbE	7° NbE	8° NbE	358° N	358° N	350° NbW	343° NNW	336° NNW	335° NNW	348° NbW	353° NbW	355° N	1° N	3° N	10° NbE	15° NbE	19° NNE	21° NNE	3°	N
No. of Observations, with the wind in each Quarter: N W	4	4	5	7	9	10	10	13	15	19	20	17	18	21	22	23	21	22	18	15	12	5	3	5	323	Obs N W
S W	0	0	0	0	0	0	0	0	0	0	0	2	1	3	4	0	0	0	0	0	0	0	0	0	10	" S W
S E	3	3	3	3	2	3	2	3	4	3	3	2	2	0	0	2	2	2	3	2	3	3	2	1	58	" S E
N E	24	24	20	21	19	18	15	15	12	10	8	9	9	8	4	5	8	7	10	14	18	23	23	25	348	" N E
FORCE OF THE WIND. DECEMBER 1852.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	
1	0·30	0·91	1·68	0·33	0·63	0·18	0·00	0·00	0.00	0·27	0·00	0·00	0·00	0·12	0·17	0·14	0·08	0·15	0·05	0·06	0·02	0·18	0·10	0·20	0·23	
2	·18	·10	0·12	·57	·72	·40	·22	·12	·10	·10	·14	·24	·18	·12	·15	·20	·30	·32	·25	·23	·72	·47	·36	·28	·29	
3	·33	·30	·27	·24	·22	·15	·08	·00	·00	·04	·00	·00	·00	·00	·00	·00	·00	·00	·08	·08	·06	·00	·04	·02	·05	
4	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·06	·04	·02	·02	·05	·00	·01	
5	·02	·10	·08	·09	·18	·12	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·05	·12	·11	·10	·10	·14	·16	·06	
6	·10	·11	·06	·08	·00	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·03	·08	·08	·02	
7	·08	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	05	·08	·08	·67	·08	·06	·05	·02	
8	·02	·00	·00	·00	·00	·00	·00	,00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·08	·02	·03	·08	·07	·05	·05	
9	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.02	·08	·03	·01	·00	·03	·04	·08	·10	·12	·16	·18	·04	
10	·18	·15	·13	·14	·10	·08	·09	·00	·00	·00	·06	·02	·02	·03	·01	·08	·14	·18	·35	·26	·16	·18	·17	·16	·11	
*11	·32	·20	·14	·02	·03	·00	·00	·00	·00	·00	·05	—	Board stopped.			—	·08	·16	·25	1·17	·72	·92	·80	·55	?	
12	·38	·20	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·38	·62	·95	0·80	·55	·27	·20	·17	·17	
13	·14	·15	·12	·00	·00	·08	·14	·12	·11	·14	·25	·14	·12	·10	·15	·24	·35	.56	·85	·98	·50	·85	·67	.20	·32	
14	·14	·12	·12	·10	·08	·12	·03	·09	·08	·04	·01	·00	·00	·00	·00	·00	.01	·11	·25	·30	·32	·45	·27	·22	·12	
15	·25	·11	·08	·06	.01	·04	·00	·00	·00	·00	·08	·06	·08	·04	·15	·19	·17	·13	·18	·56	·47	·52	·40	·59	·17	
16	1·08	·48	·10	·12	·12	·00	·00	·00	·00	·08	·08	·00	·05	·08	·06	·10	·09	·14	·27	·50	·52	1·14	1·02	·65	·27	
17	0·35	·26	·24	·18	·20	·15	·10	·11	·10	·08	·06	·08	·08	·08	·10	·11	·10	·11	·10	·08	·10	0·14	0·08	[illegible]	.12	
18	·08	·12	·09	·07	·08	·07	·12	·08	·06	·00	·04	·02	·07	.08	·04	·10	·04	·00	·05	·04	·06	·18	04	·12	·07	
19	·03	·04	·05	·07	·08	·02	·02	·01	·03	·00	·08	·00	·08	·09	·10	·08	·06	·05	·18	·42	·35	·32	·28	·30	·12	
20	·12	·10	·10	·08	·06	·08	·00	·04	·00	·00	·00	·00	·00	·00	·00	·07	·10	·14	·15	·16	·13	·14	·15	·17	·07	
21	·24	·20	·14	·08	·00	·02	·00	·00	·00	·00	·10	·09	·07	·00	·10	·12	·13	·17	·15	·18	·10	·13	·15	·18	·10	
22	·25	·22	·19	·18	·10	·12	·10	·02	·09	·07	·05	·00	·00	·00	·00	·08	·08	·09	·11	·08	·14	·12	·15	·13	·10	
23	·18	·20	·10	·06	·04	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·04	·08	·10	·83	·80	·28	·47	·38	·35	·12	
24	·28	·24	·28	·08	·00	·00	,00	·00	·00	·00	·00	·00	·10	·06	·07	·11	·14	·12	·14	·13	·10	·08	·18	·12	·10	
25	·20	·17	·10	·08	·05	·05	·03	·02	·09	·03	·07	·10	·05	·00	·00	·00	·00	·14	·15	·17	·25	·83	·54	·40	·13	
26	·28	·13	·10	·12	·11	·14	·12	·10	·08	·00	·00	·00	·00	·00	·10	·11	·10	.14	·16	·17	·24	·20	·23	[illegible]	·12	
27	·14	·13	·12	·00	·08	·07	·00	·00	·00	·02	·02	·02	·01	·04	·08	·12	·18	·22	·90	·74	·88	52	·40	·96	·23	
28	·45	·42	·27	·18	·12	·18	·14	.10	·06	·08	·07	·05	·04	·02	·08	·14	·12	·24	·28	·38	·40	·27	·35	[illegible]	·20	
29	·27	·25	·22	·18	·12	·13	·06	·00	·00	·02	·04	·02	·04	·23	·32	·36	·35	·24	·23	·28	·20	·16	·25	·19	·18	
30	·27	·25	·08	·04	·00	·00	·00	·00	·00	.00	·00	·02	·04	·02	·05	·08	·18	·20	·18	·21	·23	·17	·19	·24	·10	
31	·22	·17	·08	·00	·00	·00	·00	·00	·00	·00	·07	·08	·05	·02	·00	·00	·04	·09	·18	·24	·23	·20	·22	[illegible]	·09	
Means.	0·22	·19	·16	·12	·10	·07	·04	·03	·03	.03	.04	·03	·03	·04	·06	·08	·11	·16	·23	·23	·28	·28	·25	·23	·12	

* The Observations of 4,5,6,11, & 22nd are rejected from the hourly & daily Means.

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

* The Observations of 11th are rejected from the hourly and daily Means.

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DEPTH OF RAIN AND EVAPORATION IN INCHES.

FALL OF RAIN FOR 1852.

	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.	
	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day
					Inch.	Inch	Inch.	Inch.	Inch.	Inch	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch	Inch.	Inch.	Inch.	Inch	Inch.	Inch.
1	—	—	—	—	—	—	—	—	—	0·026	—	—	0·080	—	—	—	0·012	—	—	—	—	—	3·580	0·320
2	—	—	—	—	—	—	—	—	—	—	—	—	—	0·126	—	—	—	—	—	—	—	0·020	0·096	—
3	—	—	—	—	—	—	—	—	0·016	·484	—	—	·069	·900	—	—	—	—	—	—	0·522	·216	—	—
4	—	—	—	—	—	—	—	—	1·524	—	—	—	046	·163	0·296	—	—	—	—	—	1·605	·047	·085	·820
5	—	—	—	—	—	—	—	—	—	—	—	—	135	·019	·009	—	—	—	—	—	1·376	1·156	·053	·165
6	—	—	—	—	—	—	—	—	—	—	—	—	·030	—	·024	—	—	—	—	0·530	0·304	3·600	·498	—
7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·110	—	·002	1·070	2·964	·252	0·070	—	—
8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·426	—	—	0·168	0·570	1·295	—	—	—	—
9	—	—	—	—	—	—	—	—	—	—	—	—	·474	—	—	—	1·775	—	·366	0·553	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·407	1·075	1·700	—	—	—	—	·010
11	—	—	—	—	—	—	—	—	—	·160	—	—	—	—	—	—	·057	—	—	—	·156	·173	—	·050
12	—	—	—	—	—	—	—	—	—	—	0·027	—	—	—	—	—	—	0·076	—	—	·152	·050	·024	·072
13	—	—	—	—	—	—	—	—	—	—	·032	0·046	—	—	—	—	1·228	·100	—	—	·722	·167	·008	—
14	—	—	—	—	—	—	—	—	—	—	·170	·165	—	—	—	—	0·064	·002	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·350	—	—	—	—
16	—	—	—	—	—	—	—	—	0·018	—	—	—	—	—	·039	—	—	—	—	·004	1·124	·211	—	—
17	—	—	—	—	—	—	—	—	—	—	—	·305	—	—	—	·012	—	—	2·664	—	0·386	·345	·053	·206
18	—	—	—	—	0·748	—	—	—	—	—	086	—	—	—	610	·050	—	—	0·440	·330	—	·451	·070	2·276
19	—	—	—	—	·010	0·183	—	—	—	—	.170	·020	—	—	·078	·016	—	—	330	1·250	—	—	·230	0·012
20	—	—	—	—	·420	·036	—	—	—	—	646	·200	·405	·085	—	—	—	—	3·360	6·584	—	—	—	—
21	—	—	—	—	—	—	—	—	—	—	—	—	1·106	2·009	—	—	—	—	0·130	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	—	—	—	0·010	0·067	·003	—	—	—	110	—	—	—	·203	0·060
23	—	—	—	—	—	1·230	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·168	—	·012	—	·094	·010	·007	—
27	—	—	—	—	—	—	—	—	—	—	—	—	·730	—	—	—	—	—	—	—	1·776	·045	—	—
28	—	—	—	—	—	—	—	—	—	—	—	—	—	·006	—	·172	·006	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	—	·013	—	·230	·019	·678	·041	·112	—	—	—	1·174	·280	—	—
30	—	—	—	—	—	—	—	—	—	—	·010	—	·175	·003	—	—	—	—	·010	0·486	0·824	1·677	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—	·022	—	—	·101	—	—	·310	·110	—	—	—	—
Sums.	—	—	—	—	1·172	1·451	—	—	1·554	0·670	1.150	0·736	3·592	4·403	1·780	0·504	3·829	2·949	10·145	10·456	10·463	8·939	4·007	4·013

EVAPORATION FOR 1852.

	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.	
	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day
	Inch.	Inch.	Inch.	Inch.	Inch.	Inch	Inch.	Inch	Inch.	Inch.	Inch	Inch.	Inch.	Inch	Inch.	Inch	Inch.	Inch.	Inch.	Inch	Inch.	Inch.	Inch.	Inch.
1	0·025	0·240	0·030	0·274	0·014	0·270	0·028	0·336	0·036	0·116	0·037	0·345	0·016	0·275	0·050	0·259	0·012	0·261	0·018	0·285	0·012	0·240	r—	r—
2	·030	·168	·023	·264	·016	·329	·035	·358	·022	·234	·032	·300	·040	·253	·035	·330	·024	·310	·016	·292	·030	·216	r—	0·140
3	·035	·240	·023	·276	·014	·259	·037	·364	·022	·176	·030	·342	·014	·190	·048	·280	·056	·273	·011	·206	·007	·056	0·037	·140
4	·032	·166	·028	·266	·015	·310	·040	·341	·000	·120	·034	·459	·010	·309	·035	·300	·054	·250	·010	·234	r—	·181	·032	r—
5	·023	·250	·019	·270	·015	·299	·033	·347	·011	·252	·050	·420	·018	·334	·051	·334	·033	·347	·009	·264	r—	·110	·013	·198
6	·026	·233	·026	·260	·013	·308	·027	·321	·025	·274	·047	·414	·023	·401	·049	·290	·027	·281	·030	·084	r—	r—	·032	·198
7	·025	·250	·010	·264	·014	·604	·032	·366	·027	·368	·048	·431	·045	·372	·056	·289	·021	·212	r—	r—	·014	·170	·014	·213
8	·027	·202	·027	·272	·024	·305	·024	·369	·030	·346	·057	·444	·060	·344	r—	·304	·024	·151	r—	r—	·032	·249	·009	·235
9	·024	·200	·014	·282	·018	·298	·031	·350	·036	·405	·058	·300	·024	·330	·034	·165	·005	·180	r—	·082	·009	·228	·006	·167
10	·015	·224	·017	·272	·026	·300	·030	·347	·032	·327	·050	·279	·029	·337	·053	·328	r—	·084	r—	·274	·012	·296	·013	·164
11	·019	·235	·020	·292	·033	·292	·034	·344	·038	·380	·056	·350	·038	·342	·039	·383	r—	·644	·033	·254	·022	·207	·007	·168
12	·021	·255	·016	·282	·025	·301	·029	·348	·032	·393	·033	·378	·050	·337	·076	·394	·013	·130	·016	·239	·008	·044	·009	·073
13	·020	·246	·029	·268	·026	·304	·038	·358	·049	·380	·039	·325	·038	·376	·083	·368	r—	·187	·005	·224	r—	·065	·014	·194
14	·002	·229	·032	·270	·030	·201	·040	·350	·040	·402	·009	·400	·033	·314	·093	·363	·009	·306	·023	·264	·010	·209	·032	[illegible]
15	·024	·250	·019	·271	·037	·271	·030	·319	·053	·404	·011	·250	·043	·336	·100	·237	·040	·287	·008	·204	·025	·204	·024	·224
16	·027	·291	·015	·267	·025	·300	·034	·360	·029	·360	·058	·383	·035	·287	·068	·215	·062	·331	·003	·202	·014	·095	·027	·169
17	·002	·218	·025	·214	·033	·314	·029	·352	·030	·402	·061	·315	·023	·338	·071	·034	·096	·271	r—	·200	·020	r—	·019	·012
18	·024	·191	·027	·170	·038	·260	·026	·270	·039	·365	·018	·285	·025	·320	·072	·180	·031	·288	r—	r—	·057	·021	·011	·015
19	·024	·260	·018	·224	·026	·234	·029	·365	·040	·445	r—	·213	·039	·341	·026	·140	·054	·804	r—	·054	·060	·189	r—	·053
20	·020	·240	·014	·266	·025	·264	·025	·370	·045	·347	r—	·185	·028	·115	·030	·115	·037	·274	r—	r—	·012	·208	·015	·210
21	·027	·242	·009	·270	·030	·308	·018	·384	·047	·423	·028	·164	r—	·031	·056	·260	·024	·326	r—	·150	·006	·225	·017	·200
22	·030	·256	·018	·262	·030	·324	·038	·345	·046	·495	·040	·275	·012	·045	·038	·184	·025	·328	r—	·224	·030	·194	·020	·010
23	·015	·248	·024	·270	·041	·133	·028	·350	·043	·427	·048	·236	·013	·120	·024	·334	·035	·318	·023	·176	·024	·216	·013	·167
24	·021	·243	·023	·245	·024	·265	·020	·303	·035	·478	·052	·306	·029	·174	·026	·360	·016	·304	·027	·184	·016	·263	·020	·212
25	·020	·246	·020	·064	·020	·334	·023	·353	·043	·421	·039	·233	·000	·300	·038	·299	·040	·345	·026	·231	·059	·216	·021	·210
26	·023	·262	·017	·298	·036	·312	·025	·333	·040	·401	·035	·232	·043	·340	·028	·265	·016	·322	·003	·247	·032	·079	·018	·160
27	·020	·266	·018	·283	·027	·311	·028	·310	·035	·398	·036	·395	·014	·616	·037	·361	·031	·309	·009	·214	r—	·088	·018	·210
28	·020	·277	·008	·243	·021	·341	·034	·300	·058	·443	·043	·345	·047	·236	·046	·302	·034	·298	·003	·234	·026	a—	·022	·200
29	·027	·266	·016	·239	·025	·377	·037	·335	·046	·420	·032	·662	·026	·101	r—	·105	·023	·300	·008	·204	r—	·030	·010	·200
30	·023	·260			·024	·342	·035	·335	·044	·399	·032	·292	·015	·175	·038	·181	·024	·274	·009	·062	r—	·055	·016	·195
31	·024	·274			·034	·336			·042	·350			·016	·249	·032	·170			·008	r—			·008	·224
Means.	·023	·241	·020	·261	·025	·298	·031	·340	·036	·355	·040	·318	·029	·267	·040	·261	·033	·263	·014	·209	·024	·160	·018	·164

TOTAL RAIN IN EACH MONTH.

1852.	Night.	Day.	Total
	Inches.	Inches.	Inches.
January, ...	—	—	—
February, ...	—	—	—
March, ...	1·172	1·451	2·623
April, ...	—	—	—
May, ...	1·554	0·670	2·224
June, ...	1·150	0·736	1.886
July, ...	3·592	4·403	7·995
August, ...	1·780	0·504	2·283
September, ...	3·829	2·949	6·778
October, ...	10·145	10·456	20·601
November, ...	10·463	8·939	19·402
December, ...	4·007	4·013	8·020
Total......	38·371	34·121	72·492

MEAN DAILY EVAPORATION IN EACH MONTH.

1852.	Night.	Day.	Total.
	Inches.	Inches.	Inches.
January, ...	0·023	0·241	0·264
February, ...	·020	·261	·281
March, ...	·025	·298	·323
April, ...	·031	·340	·371
May, ...	·036	·355	·391
June, ...	·040	·318	·358
July, ...	·029	·267	·296
August, ...	·040	·261	·301
September, ...	·033	·263	·296
October, ...	·014	·209	·223
November, ...	·024	·160	·184
December, ...	·018	·164	·182
Sums......	0·342	3·149	3·491
Means......	0·029	0·262	0·291

r.—Rain. a.—Observation missed.

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REMARKS ON THE WEATHER FOR THE MONTH OF JANUARY 1852.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	cu, hz,	1	cu, hz,	3	cu, cu-st, nim,	7	cu, hz,	3	cu, hz, D,	2	cu-hor, D,	1
2	cu,cr, cr-st,	3	cu, cr,	2	clear,	0	cu, cu-st,	2	sc-cu,cu-st, cr,	3	cu, cr-hz,	2
3	fl-cu,cu-st,cr-st, hz,...	6	cu, d-hz....	6	ovt,	8	ny-ovt, nim,...	8	ny-ovt,	7	...	...
4	...	...	...	...	...	...	...	...	...	...	ovt,	8
5	cu, cu-st, d-hz,	8	cu, d-hz, hl- ☽	6	cr-cu, d-cr-hz,	5	cr-cu, d-cr-hz,	7	cr-cu, cr-st, d-cr-hz,	7	cu, cr-cu, cr-hz, D,	8
6	cu, cu-st,cr-st, cr-hz, nim.	6	fl-cu, cu-st, cr,	3	cu, cr-st-hor,	2	fl-cu, cu-st, hz.	3	cu, cu-st, hz,	7	cu, cr-hz, cr-st, D,	4
7	cu,cu-st,	8	cu, cr-st, cr, hz,	3	fl-cu, cr-st, cr-hz,	5	cu, cr-cu, cr-st, hz,	7	cu, cu-st, cr-cu,	5	cr-st, cr-hz	3
8	cr-cu,cr-st,cr-hz	5	cu, cr-st, hz,	3	cr-cu, cr-st, cr-hz,	3	cu, cr-st, hz,	4	cu,hz, D,	4	cu, hr, D,	3
9	cu,cr-cu, cr-st,cr-hz,...	7	cu,cu-st, hz,...	6	cr-hz, cr-st, cu,	4	cu, cr-st, hz,	4	ovt,	8	ovt,	8
10	fl-cu, cu-st, cr-st, hz,	3	cu,cr,	1	ny-clear,	0	fl-cu, cu-st, hz,	3	fl-cu, hz,	2	...	...
1	...	...	...	...	...	...	...	...	...	...	cr-st, cr.hz, D.	2
2	cu, cu-st, cr-hz,...	4	fl-cu, hz,	2	fl-cu,	1	fl-cu, hz,	2	fl-cu, cr-hz,	4	sc-cu, cr-hz,	4
3	clear,...	0	do.	2	sc-cu. cr,	2	fl-cu, cr,	2	fl-cu, cr,	3	cu, cu-st, cr, D,...	3
4	ny-clear,	0	ny-clear,	0	ny-clear,	0	ny-clear,	0	clear,	0	cu, hz, D,	3
5	cu, hz,	2	cr, cr-st,	1	clear,	0	clear,	0	do.	0	clear, D,...	0
6	cr, cr-st,hz,	2	cr, cr-st, hz,	1	do.	0	do. D...,	0	ny-clear,	0	do. D,	0
7	ny-clear,	0	cr-st, hz,	1	do....	0	do. D,	0	clear, D,...	0	...	...
8	...	...	...	...	...	...	...	...	...	...	sc-cu, cr-st, D, ...	3
9	cu, cu-st, cr-st, cr-hz,	7	cu, cu-st, cr-st, cr-hz,	5	cu, cr-st, hz,	3	fl-cu, hz,	2	cu, cr,	1	cu, cr-st-hor, D,	1
20	clear,	0	ny-clear,	0	ny-clear,	0	ny-clear,	0	cr-st, cr-hz-hor,	1	ny-clear....	0
1	ny-clear,	0	do.	0	do.	0	cu, hz,	1	clear, D,	0	clear, D,	0
2	cu,cu-st,...	2	do.	0	do.	0	fl-cu.	1	cu, cr-hz,	2	cu,cu-st, hz,	4
3	clear,...	0	clear,	0	do.	0	ny-clear,	0	fl-cu, hz, nim,	5	fl-cu,	1
4	cu-st,	2	cu-st,	2	sc-cu,	1	cu, cu-st....	1	cu, cu-st,	8	...	...
5	...	...	...	...	...	...	...	...	...	...	clear,	0
6	cu-st,...	2	ny-clear,	0	ny-clear,...	0	ny-clear, D, ...	0	ny-clear, D, ...	0	ny-clear, D, ...	0
7	cu, cu-st, nim	7	fl-cu, cu-st, cr,...	4	fl-cu. cu-st, cr,	3	fl-cu,	1	do. D,	0	clear, D,...	0
8	clear,...	0	cu,	1	sc-cu. cr,	2	do.	1	fl-cu, D.	1	ny-clear, D,	0
9	do.	0	clear,...	0	clear, D,	0	clear, D....	0	clear, D....	0	clear, D,...	0
30	ny-clear	0	do.	0	ny-clear, D,	0	cr-st, cr-hz,	1	ny-clear, D,...	0	ny-clear, D, ...	0

REMARKS ON THE WEATHFR FOR THE MONTH OF FEBRUARY 1852.

Date.	NOON	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
Jany. 31	cu-st,	2	fl-cu,hz,	2	fl-cu,hz,	3	fl-cu,..	1	fl-cu,D,	1	...	...
1	...	...	...	...	...	...	...	...	...	...	clear,D, ...	0
2	clear,..	0	clear,...	0	clear,...	0	fl-cu,cr,	4	cu,cu-st,hz,D,	4	cu-hor,D,	1
3	cu,cu-st,hz,	3	cu,cu-st,hz,	5	cu,cu-st, ...	3	cu,cr,	1	fl-cu,cu-st,D,	3	fl-cu,cr-hz,D,	3
4	cu-hor,	1	sc-cu,	3	cu,cu-st,cr,hz,	5	fl-cu,...	4	fl-cu,cu-st,hz,	6	cu,cu-st,cr-st,	3
5	cu,hz,	2	cu,cu-st.hz,	4	cu,cr-cu,hz,	3	cu,cr-hz,...	1	clear,	0	cu,cu-st, ...	2
6	do.	2	do.	2	cu,cu-st,hz, ...	5	fl-cu,hz,	4	fl-cu,hz,	[illegible]	fl-cu,cu-st,	3
7	do.	1	ny-clear,...	0	cu,hz,	2	do.	3	cu,cu-st,cr-hz,	3	...	...
8	...	...	...	...	...	...	...	...	...	...	sc-cu,cr-hz, ...	2
9	fl-cu,hz,	1	do.	0	ny-clear,D,	0	fl-cu,D, ...	1	cu,cu-st-E-hor,	2	cu,cu-st,hr,	3
10	cu hr.	2	sc-cu,hz,	3	do. D,	0	ny-clear,D, ...	0	clear,	0	ny-clear, D,	0
1	sc cu,hz,	4	sc-cu,cu-st,hr,	4	cu,	1	clear,D, ...	0	fl-cu,cu-st,cr-hz,	3	cu, cr-hz,	4
2	cu,hz,	1	ny clear,	0	clear,	0	ny-clear,	0	cu-st,cr-hz,	2	cu, cu-st, cr,	3
3	sc-cu,	1	do.	0	cu,	1	cu,	2	cu,cu-st,	2	cu, cu-st, hz,	3
4	cu,hz,	2	cu,hz,	3	clear,	0	clear,...	0	ny-clear,...	0	...	...
5	...	...	...	...	...	...	...	...	...	...	ny-clear,	0
6	do.	1	lt-hz,	0	ny-clear, ...	0	ny-clear,	0	clear,	0	clear,	0
7	clear,	0	clear,	0	clear,...	0	fl-cu,hz, ...	2	fl-cu,cu-st,	2	cu, cr-hz,	2
8	cu,cr-hz,nim,	7	cu,cu-st,cr,cr-st,cr-hz,	7	cu,cu-st,cr-st,	6	cu,cu-st,cr-st,	6	fl-cu,cu-st,cr-hz,...	6	fl-cu,cu-st,hz, nim,	4
9	cu,cr-hz,	5	cu,cr,cr-st,hz.	3	cu,cu-st,cr-st,hz,	4	cu,cu-st,cr-hz,	4	cu,cr-hz	4	sc-cu, cu-st, cr-hz,	4
20	d-cr hz,cr,cr-st,...	7	d-cr-hz,cr,cr-st,	5	d-cr-hz,cr,cr-st,...	7	cu,cu-st,cr-st,d-hz,	[illegible]	fl-cu,cu-st,cr-st,cr,	6	cu. cu-st, cr-hz, ...	4
1	cu,hz,	1	cu,hz,	2	cu,hz,D,	3	cu,cr-st,cr-hz,D,...	4	cu,cr-hz,D, ...	3	...	...
2	...	...	...	...	...	...	...	...	...	...	cu. cu-st, cir-hz, D,	3
3	cr-hz,cr-st,	1	cr-hz,cr-st,	2	do.	1	cu,hz,	3	cu-hor,	1	cu-hor, D,	1
4	cr cr cu,cr-st,d-hz,	7	cr,cr-cu,cr-st,d-hz	6	cu,d-hz, ...	4	do.	2	cu,cr-hz,...	3	cu, cr-hz, D,	5
5	cu,cu,cr-st,d-hz,	5	hr,	1	ny-clear,	0	clear,D, ...	0	clear,	0	ny clear, ...	0
6	cu,cu-st, ...	1	ny-clear,	0	clear,	0	do.	0	cu,hz,	2	cu, hz,	4
7	cr,cr-sthr,	4	cr,cr-st,hz,hl-	3	cu,cr,hz,hl- ☽	3	cu,cr-st,cr-hz,hl- ☽	5	cu,cr-st,	1	cu, cr-st-hor,	1
8	clear,	0	clear,	0	clear,	0	clear,...	0	clear,	0	...	...
9	...	...	...	...	...	...	...	...	...	...	cu-hor, ...	1

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard ... around
- cld ... clouds or cloudy
- cr or cir ... cirri or cirro or cirrous
- cu ... cumuli or cumulo
- D ... Dew
- d ... dense
- dis ... distant
- dt ... detached
- E ... East
- fg ... fog
- fk ... forked
- [illegible]
- [illegible]
- [illegible]
- hy ... heavy
- hl ... halo
- hr ... horizon
- hz ... haze or hazy
- ld ... loud
- lg ... lightning
- lt ... light
- mt ... meteor
- N ... North
- nim ... nimbi
- ny ... nearly
- ovd ... overhead
- ovt ... overcast
- ps ... peals
- pt ... part or partly or partial
- R ... Rain
- r-b ... rain-bow
- S ... South
- sc ... scattered
- sh ... sheet
- st ... stratus
- th ... thunder
- thk ... thick
- v ... very
- viv ... vivid
- W ... West

REMARKS ON THE WEATHER FOR THE MONTH OF JANURAY 1852.

	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers. Radiation. Sol.	Ter.	Air. Max.	Min.
1	cu-hor, D. ...	1	cu, ...	3	cu, dt-cu,... ...	5	sc-cu, ...	2	hy-cu, cu, ...	4	sc-cu, nim, ...	6	—	—	83·0	72·4
2	cu,cu-st,cr-hz,nim ...	4	cu,cu-st,cr-hz,nim	7	ovt,hy-cu, ...	8	cu, cu-st, nim-W,...	6	cu, cr, cr-st, ...	3	fl-cu, cu-st, hz, ...	4	—	—	82·0	72·5
3	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	82·3	71·6
4	ovt, ...	8	cu,cr-cu,cr-hz,	6	ovt, ...	8	cu, cr-cu,cr-hz, ...	7	ovt, ...	8	cu, cu-st, nim, ...	8	—	—	81·9	75·9
5	cu,cr-hz, cr-st,D,	6	cu,cu-st,cr-hz....	6	sc-cu, cu-st, cr-hz	5	cu, cu-st, hz,...	3	cu, cu-st, cr-st,	5	cu,cu-st, cr,cr st, nim,	6	—	—	81·9	73·3
6	do.	4	cr-hz, cr-st, cu	5	cu, cr-st, cr-hz, ...	5	cr,cr-st,cr-hz,cr cu	5	cu, cr-cu, cr-st, cr-hz,	6	cu, cu-st, nim, ...	8	—	—	82·2	69·8
7	cr-st,cu,cr-hz, D,	3	cr-st,sc-cu,cr-hz	4	sc-cu, cr-st,cr-hz,	4	cu, cr-cu,cr, cr st, hz,	4	cu, cr-cu, cr-st, hz,	4	cr-cu, cr-st, cr-hz.	3	—	—	82·8	70·5
8	cu,d-hz,D, ...	7	cu,cu-st,d-cr-hz,	7	cu, d-cr-hz,	7	cu, cu-st, d-cr-hz,	6	cu, cu-st. d-cr-hz,	8	cu, cu-st, cr-hz,	7	—	—	83·3	72·8
9	ovt, ...	8	ny-ovt,... ...	7	ny-ovt, ...	7	cu, cr-cu, cr-hz,	7	cu, cr-cu ...	8	fl-cu, cr-st,cr ...	2	—	—	83·9	76·8
10	... ...	...	... ...	...	... ...	...	... ...	...	... .	...	... ...	..	—	—	84·0	72·9
1	sc-cu, cr-st, D,	2	sc-cu, cr-st. D	3	cr, cr-st, hz. ...	3	cr, cr-st,hz,	4	cu, cu-st,cr-hz,	4	cu, cu-st, cr-hz, ...	5	—	—	83·5	70·9
2	sc-cu, cr-st,hz ...	2	sc-cu-hor. ...	1	cu, cu-st, hy-cu,...	2	fl-cu, cu, ...	2	cu, lt-cr, ...	2	ny-clear, ...	0	—	—	82·9	70·9
3	cu, cr-st. D ...	2	cr-st, cr-hz, D	1	cu-hor, ...	1	fl-cu, hz, ...	4	sc-cu, cu-st, hz,	3	cu, cr-st, ...	3	—	—	82·7	69·5
4	cu, hz, D ...	3	ny-clear, ...	0	ny-clear, ...	0	fl-cu, ...	2	cu, hz, ...	2	cu, hz, ...	2	—	—	83·4	66·7
5	clear,hy-D ...	0	cu-st,hz,D ...	1	lt-hz, ...	0	ny-clear, ...	0	ny-clear. ...	0	cr,cr-st.	1	—	—	83·7	67·0
6	do. D ...	0	cr-st,cr-hz. ...	2	cr-st, cr-hz, ...	2	cr, cr-st, ...	1	cr, cr-st, ...	1	cr, cr-st,hz, ...	1	—	—	83·5	68·4
7	... ...	...	... ...	...	... .	.	... ...	...	... ...	..	... .	...	—	—	82·8	67·5
8	cu, cr-st, cr-hz, D	2	sc-cu, cr-hz,D	4	cu, cr-st, cr-hz,	3	cu, cr-st, cr-hz,	5	cu,cu-st,cr-st,cr-hz	6	cu, cu st, cr st, cr-hz	7	—	—	83·1	68·8
9	cu, cr-st-hor,D .	2	cu, cu-st, hz,D...	3	cu, cu-st, hz, ...	3	sc-cu, cu-st, hz,	5	sc-cu, cu-st,hz, ...	3	cu, cu-st-hor, ...	2	—	—	82·7	68·0
20	cr-cu, ...	2	cu, cu-st. ...	3	cu,cr-st, ...	2	fl-cu, ...	3	fl-cu, cu-st, ...	5	fl-cu, cu-st, ...	4	—	—	83·4	70·2
1	clear, D	0	cu, hz.	1	sc-cu, ...	1	sc-cu, ...	1	fl-cu, ...	1	cu, cu-st, ...	3	—	—	82·8	70·3
2	ny-clear ...	0	ny-clear, ...	0	fl-cu, ...	2	do.	5	sc-cu, cu-st, nim	5	do.	2	—	—	85·0	72·7
3	fl-cu, D... ...	4	cu, cr-hz, ...	2	cu, cu-st. hz, ...	2	fl-co, ...	3	cu, cu-st, ...	2	do.	2	—	—	84·8	73·9
4	... ...	...	... ...	...	.. ..	..	... ...	...	.. ...	...	.. ...	...	—	—	84·1	72·3
5	clear, D ...	0	fl-cu, ..	2	fl-cu, ...	3	cu. cu-st, ...	4	do. ...	6	do. nim ...	4	—	—	83·6	70·7
6	do. D ...	0	cu, hz, D ...	1	cu-hor, ...	2	do. ..	4	do.	5	sc-cu,nim-S ...	4	—	—	84·1	68·9
7	do. D ...	0	cu-hor, ...	1	do.	1	cu-st, ...	1	ny-clear, ...	0	cu, cu-st, ...	1	—	—	83·0	68·8
8	ny-clear, D...	0	ny-clear, ...	0	ny-clear, ..	0	clear, ...	0	clear, ...	0	clear, ...	0	—	—	82·4	67·3
9	clear, D... ..	0	clear, D ...	0	do.	0	do.	0	cir-st, cr-hz-N ...	1	cr-st, cr-hz, ...	2	—	—	84·5	64·7
30	ny-clear, D ..	0	ny-clear, D ..	0	do.	0	fl-cu, cu-st, ...	3	cu. cu-st, ...	3	fl-cu,cu-st... ...	3	—	—	82·5	66·5

REMARKS ON THE WEATHER FOR THE MONTH OF FEBRUARY 1852.

	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Radiation. Sol.	Ter.	Air. Max.	Min.
J.31	... ...	..	.. ..	...	... .	..	... ...	...	... ..	...	... ...	...	—	—	83·5	67·7
1	clear, D ...	0	cu. cu-st-hor-E	2	ny-clear, ...	0	cu-st,... ..	1	cu, cu-st. ...	2	clear, ...	0	—	—	84·4	69·3
2	ny-clear ...	0	cu. cu-st, cr-hz,	3	fl-cu, cu-st, hz, ...	4	ny-clear, ...	0	cu, cr-hz-hor,	1	sc-cu, hz	1	—	—	82·8	69·4
3	sc-cu, cu-st, D	2	cu, cu-st, ...	2	clear,... ...	0	sc-cu, cu-st, cr,	3	fl-cu.	2	fl-cu, ...	2	—	—	83·3	70·2
4	cu, cu-st,cr-st,...	3	cu-N-hor, ...	1	cu, cu-st, ...	3	fl-cu,... ...	3	cu, hz,... ...	2	cu-hz, ...	3	—	—	84·1	71·2
5	sc-cu, cu-st cr st, D	3	cu, cu-st, cr-hz,	3	sc-cu, cu-st ...	6	fl-cu, hz, ...	4	do.	2	do. ...	2	—	—	85·3	72·4
6	fl-cu, cu-st, cr-hz,	3	sc-cu, cr-st, ..	2	cu, cu-st, ...	2	cu, hz,... ...	3	do. ...	2	do.	1	—	—	85·7	73·8
7	... ...	...	... ...	..	... ...	...	... ...	...	... ...	..	... ...	..	—	—	86·4	71·5
8	sc-cu, cu-st. D	2	sc-cu, ...	1	ny-clear, ...	0	fl-cu, hz, ..	2	fl-cu, hz, ...	1	fl-cu, hz, ...	1	—	—	84·6	70·7
9	cu, cu-st cr-hz, D	3	sc-cu, cu-st,hz, D	3	cu, cu-st. cr-hz,	3	cu, hz,.	3	cu, hz.	2	cu, hz, ...	2	—	—	83·3	70·2
10	ny-clear. D	0	ny-clear, D...	0	clear, ...	0	sc-cu,... ...	2	sc-cu, hz, ...	2	sc-cu, hz, ...	2	—	—	83·1	68·3
1	sc-cu, cr-hz, D	4	cu, cu-st, cr-hz D	4	cu, cu-st, ...	2	ny-clear,... ...	0	ny-clear, ...	0	cu, ...	1	—	—	83·6	67·5
2	fl-cu, cu-st, hz, th	4	cu, cu-st. cr-st	3	ny-clear, ...	0	sc-cu,... ...	1	do. ...	0	cu, cu-st, ...	2	—	—	83·9	69·6
3	cu, cu-st, cr-hz D	3	cu, cu-st-S-hor,	2	sc-cu, cr,.... ...	2	do.	2	sc-cu, ...	2	cu, hz, ...	1	—	—	84·6	69·3
4	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	86·5	68·9
5	clear, D ...	0	ny-clear, ...	0	ny-clear, ...	0	ny-clear, ...	0	ny-clear, ...	0	cr-st, hz, ...	1	—	—	85·7	71·8
6	do. D ...	0	cr-cu, cr-st, ...	3	do. ...	0	do. ...	0	do. ...	0	cr-cu, hz, ...	1	—	—	85·6	72·0
7	cr-st, cr-hz, E	1	fl-cu, cr-hz,	3	fl-cu, cu-st, cr-hz, ...	4	fl-cu, cu-st, cr-hz, ...	5	fl-cu, hz, ...	5	cu, cr-hz, cr-st, ...	6	—	—	85·5	74·0
8	fl-cu,cu-st,hz,sh-lg	4	cu,cu-st, cr hz,nim.	6	cu, cr, cr-st, nim,	6	cu,cu-st,cr,cr-st,hz,	5	cu, cr-hz, nim,	6	cu, cr-hz, nim,	6	—	—	85·2	76·3
9	cu,cu st,cr-hz,nim-E	4	cr-cu, cr-st, cr-hz, cu	6	cu,cu-st,cr st,cr-hz,	6	cr-cu, hz,... ...	4	cu, cr-st, cr-hz, ...	3	cr-hz, cr-st, cr-cu,	3	—	—	86·6	74·5
20	cr-cu, cr-st D	2	cu, cr-cu, cir-st, d-hz,	6	cr-cu,cr-st,cr-hz,	4	cr-st, cr-hz, ...	2	cr-st, hz, ...	2	cu-hz, ...	1	—	—	88·2	72·5
1	... .	..	... ...	..	... ...	...	... ...	...	... ...	...	... ...	...	—	—	88·2	70·8
2	cu, cu-st. cr-hz,D	3	cr, cr-st, cr-hz, cu. D	4	cu. cu-st, cr-st, cr,	5	cu, cu-st, cr-st ...	5	fl-cu, ...	1	cr-hz, cr-st, ...	1	—	—	85·3	71·0
3	cu-hor, D ...	1	cu, cr-hz, cr st.	7	cu, hz,.. ..	3	sc-cu, cr,... ...	2	cr, cr-st, ...	1	cr-cu, cr-hz,...	4	—	—	85·8	71·0
4	cu, cr-hz, D ...	3	cu. d-hz, ...	4	cr, cr-hz, cu, ...	6	cu,cr-cu,cu-st,d hz,	7	cr, cr-st, hz, ...	4	cu. cr-st, hz, ..	4	—	—	85·3	70·7
5	fl-cu, D ...	2	cu, cu-st, hz,	3	cu, hz, ...	2	fl-cu	4	fl-cu, ...	1	cu, cu-st, ...	1	—	—	87·2	70·2
6	cu, cr-hz, ..	6	cu, cu-st, cr-hz,	7	cr-st, cr.... ..	2	sc-cu, hz, ...	1	ny-clear, ...	0	cu, cr-st, hz, ...	2	—	—	88·0	74·3
7	do. D ...	2	cu, cr-hz,* ...	2	cr-st, ...	1	ny-clear, ...	0	do.	0	clear, ..	0	—	—	87·6	71·2
8	... ...	..	... ...	..	... ...	...	... ...	...	... ...	...	... ...	..	—	—	87·0	70·4
9	cu-hor, D ...	1	cu, cr-hz, ...	2	fl-cu, ...	3	sc-cu, cr-st ...	2	sc-cu, cr-st, ...	1	ny-clear, ...	0	—	—	87·0	72·2

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard ......around
cld......clouds or cloudy
cr......cirri or cirro or cirrous
cu......cumuli or cumulo
D......Dew
d......dense
dis......distant
dt......detached
E......East
fg......fog
fk......forked
fl......flying
fr......frequent
g......ground
hy......heavy
hl......halo
hor......horizon
hz......haze or hazy
ld......loud
lg......lightning
lt......light
mt......meteor
N......North
nim......nimbi
ny......nearly
ovd......overhead
ovt......overcast
pe......peals
pt......part or partly or partial
R......Rain
r-b......rain bow
S......South
sc......scattered
sh......sheet
st......strati
th......thunder
thk......thick
v......very
vd......vivid
W......West

REMARKS ON THE WEATHER FOR THE MONTH OF MARCH 1852.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	ny-clear,	0	clear,	0	clear,	0	clear,	0	clear, D	0	clear, D	0
2	clear,	0	do.	0	do. D	0	ny-clear. D	0	do D	0	do. D	0
3	rir-st, cir-hz,	1	ny-clear,	0	do.	0	clear,	0	cu st, cr, st,	3	ny clear,	0
4	ny-clear,	0	clear,	0	do.	0	do.	0	clear	0	cu, cr-hz,	2
5	clear,	0	do.	0	do.	0	do.	0	do.	0	clear,	0
6	ny-clear,	0	do.	0	do.	0	do.	0	do.	0	...	
7	...	...	...	...	...	...	...	...	...	...	do.	0
8	sc-cu, cir,	3	fl-cu, hz,	3	fl-cu, cu-st, hz,	4	fl-cu, cu-st, hz,	6	fl-cu, cu-st,	3	fl cu, D	1
9	clear,	0	clear,	0	ny-clear,	0	clear,	0	clear, D	0	clear D	0
10	do.	0	do.	0	clear,	0	do.	0	cr-cu, cr-st, hz,	2	cu, cir-hz,	1
1	do.	0	lt-cu, cr-st,	1	cu, hz,	3	cu, cu-st, hz,	3	cu, cu-st, cr-st, cr-hz,	6	fl cu,	3
2	do.	0	clear,	0	clear,	0	clear,	0	clear.	0	clear,	0
3	cu, cr-st, cr-hz,	3	ny-clear,	0	ny-clear,	0	ny-clear,	0	ny-clear,	0	...	
4	...	...	...	...	...	...	...	...	...	...	cu, cr-hz,	3
5	sc-cu, cu-st, d-cr-hz,	0	cu, cr-st, hz,	2	cr-st, hz,	3	cr-st, hz,	4	cu, hz,	1	cu, hz,	3
6	d-cr-hz, zu,	6	lt-cu, zr-st, hz,	3	lt-cu, cr-st, hz,	3	lt-cu, cir-st, hz,	3	cu, cu-st, cr,	3	cu, zr-hz,	3
7	cu, cr-st, cr-hz,	2	cir, cr-st,	1	cr-st, hz,	2	cr st, hz,	2	cu-st,	2	do.	3
8	cu, cu-st, cr-st, cr-hz	3	cu, zr-cu, cr-st, cr-hz	3	cu-st, cr, cr-st, d-hz, sh-lg, th W	7	ovt, sh lg, S, W th-N	8	ovt, lg-S	8	cu, nim, sh-lg N W	4
9	cu, cu st, cr-cu, cr-hz,	4	cu, cu-st, hz, nim,	[illegible]	cu, cr-st, hz, sh-lg N W	4	cu, cr-hz,	5	cu, cr-hz, nim, sh lg N W	6	cu, nim, sh-lg-N E	4
20	cu, cu-st. cr-st-hor,	2	cu-st, cr-st, cr-hz,	[illegible]	cu, cir-st, hz, sh-lg-n	4	cu, hz,	1	cu, cr-hz,	2	...	
1	...	...	...	...	...	...	...	...	...	...	cc, cr-st,	3
2	cu, cu-st, cr-hz-hor,	1	cu, cu-st, cr-st,	1	cc-st, hz,	1	ny-clear	0	sc-cu,	1	ny-clear,	0
3	cu, cr-hz-hor,	1	ny-clear,	[illegible]	cu, cu-st, hz-hor, sh lg,	2	cu, cu-st, hz, nim,	4	cu-hor, sh-lg. N W	2	cr-st, cu, sh-lg-N	3
4	cu, cu-st, nim,	7	cu, cu-st, hz, sh lg N-hor	[illegible]	cu, cu-st, hz,	3	cu, cir-hz, nim, sh-lg SE,	4	cu, nim-hor, vir-sh-lg SE E (NE	3	cu, cir-hz, nim,	4
5	cu, cr, cr-st, cr-hz,	2	zr, cr-st, zr-hz,	[illegible]	ny-clear,	0	ny-clear, sh lg S (W-hor	0	ny-clear,	0	clear,	0
6	cu, cu-st, cr-hz,	3	cu, cu-st, cr-st, hz,	[illegible]	cu, ru-st, cr st, hz,	3	cu, hz,	1	clear,	0	cu, cr-hz,	2
7	cu, cu-st-hor,	1	cr, zr-st,	1	cr, cr-st,	1	do	1	do.	0	...	
8	...	...	...	...	...	...	...	...	...	...	cu, cr-hz, lg S	3
9	ny-clear,	0	ny-clear,	[illegible]	ny-clear,	0	ny-clear,	0	do.	0	clear,	0
30	zr. cr-st, cr-hz,	2	cis-st, cr,	1	cr-st, cr-hz,	1	cr-st, cr-hz,	1	do.	0	cr-st, cr-hz-hor,	0
31	ny-clear,	0	ny-clear,	[illegible]	ny-clear,	0	clear,	0	do.	0	clear,	0

REMARKS ON THE WEATHER FOR THE MONTH OF APRIL 1852.

Date.	NOON.	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	cu, cr-hz,	3	cu, cu-st, cr-st, hz,	3	cu, cu-st, cr-hz,	2	cr, cr-st,	1	cu, cu-st, cr-hz,	3	cu, cr-hz,	2
2	cr-st, cr-hz, cu,	4	cu-st, cr-st, hz,	2	cr, cr-st,	1	do.	1	cr, cr-st, cr-hz, zu,	3	cu, cr-hz, cr	3
3	cr, cr-hz, cr-st, cu,	3	cu-st, cr, cr-st, hz,	3	cr-st, cr-hz,	3	hy-cu, cr-cu, d-hz,	6	hy-cu, cu-st, cr cu, cr-hz	7	...	
4	...	...	...	...	...	...	...	...	...	...	ovt,	8
5	cu, d-hz,	8	cu, cr-st, cr-hz,	5	cu, cr-st, cr-hz,	5	cu, cr-st, d-hz,	4	cu, cu-st, cr-hz,	6	cr-cu, cr-hz,	7
6	cr, cr-hz, cr-st,	2	cr, cr-st, cr-hz,	2	cr, cr-st, cr-hz,	2	cr, cr-st,	1	cr-st, cr-hz,	3	cr-st, cr-hz, D,	1
7	cr-hz, cr-st,	2	cr-hz, cr-st,	2	ny-clear,	0	clear,	0	do.	2	do.	2
8	clear,	0	cr-st, lt-hz,	1	clear,	0	do.	0	ny-clear,	0	ny-clear,	0
9	lt-cr, cr-hz,	3	zr, cr-st,	1	ny-clear,	0	do.	0	cr-cz, cr-st, cr-hz,	3	cu, cr-cu, cr-hz,	3
10	cr-st, cr-hz,	1	cr-cu, cr-st, cr-hz,	2	cr-cu, cr-hz, lg. N W	3	cr, cu, cr-st, cr-hz.	2	cr-st, cr-hz cu,	2	...	
1	...	...	...	...	...	...	...	...	...	...	cu, cr-hz,	3
2	clear,	0	ny-clear,	0	ny-clear,	0	clear,	0	cu, cr-hz-hor	1	do.	1
3	do.	0	do.	0	clear,	0	do.	0	ny-clear,	0	ny-clear,	0
4	do.	0	do.	0	ny-clear,	0	ny-clear,	0	cr, cr-hz,	1	cr, cr-hz.	1
5	do.	0	do.	0	clear,	0	clear,	0	ny-clear,	0	ny-clear,	0
6	do.	0	clear,	0	do.	0	do.	0	do.	0	do.	0
7	cr-hz, cr-st,	3	cu-st, cr-st, cr-hz,	2	ny-clear,	0	ny-clear,	0	do.	0	...	
8	...	...	...	...	...	...	...	...	...	...	ny-clear,	0
9	clear,	0	ny-clear,	0	clear,	0	clear,	0	do.	0	clear,	0
20	lt-zr, cr-hz-N-hor,	1	do.	0	ny-clear,	0	do.	0	cu, cr-st, cr-hz,	3	cu, cr hz, zr-st,	2
1	clear,	0	cr-hz,	1	do.	0	ny-clear,	0	ny-clear,	0	cu-hor, D-	1
2	do.	0	cr-st, cr-hz...	2	do.	0	cr, d-hz,	2	do.	0	cr, cr hz,	1
3	zr, cr-hz-N-hor,	3	cr-hz, d-cr-st-N-hor,	2	cr, d-hz,	2	do.	3	cu, cr-st, cr hz,	4	cu-hor,	1
4	cr, cr-st, cr-hz,	4	zr, cr-st, cr-hz,	3	cr, hz,	2	cr, cr-st, hz,	2	cr-st, cr-hz,	3	...	
5	...	...	...	...	...	...	...	...	...	...	cr hz, cu,	2
6	cu, zr-cu, cr-st, cr-hz,	6	cu, cr-cu, cr-st, cr-hz,	4	lt-cu, zr-cu, cr-hz, cr st, hl-☽	4	lt-cu, cr, d-hz, hl-☽	5	cu, ru-st, cr-hz	8	cr-hz. cr-cu,	3
7	cr, cr-hz, cu,	3	cu-st, cr-st, cr-hz,	3	lt-cu, cr-st, hz, hl	3	lt-cu, cr, cr-st, hz.	3	cu, cu-st, cr-hz,	3	cu, zr-hz,	3
8	lt-cr-hz, cu-hor,	2	cu-st, lt-cu, cr-hz,	2	cr-st, hz, hl-☽	2	cr, cr-st, hz, hl-☽	3	cu, cu-st, cr-hz, nim,	8	cu-hor, sh-lg S	2
9	cr, cr-st, cr-hz, cu,	7	cu-st, cr-st, d-cr-hz,	7	lt-cu, cr-st, d-hz, hl-☽	4	lt-cu, cr-st, hz,	3	cr-st, cr-hz cu,	4	cu, cr-st, hz.	3
30	cr, cr st, cr-hz,	3	lt-cu-st, cr-st, cr-hz,	3	lt-cu, cr-cu, cr-st, hz,	3	cr-cu, cr, cr-st, hz, hl-☽	4	d-cr-hz,	[illegible]	cu, cu-st, d-cr hz,	4

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard .... around
- cld .... clouds or cloudy
- cr or cir .. cirri or cirro or cirrous
- cu .... cumuli or cumulo
- D .... Dew
- d .... dense
- dis .... distant
- dt .... detached
- E .... East
- fg .... fog
- fk .... forked
- fl .... flying
- fr .... frequent
- g .... ground
- hy .... heavy
- hl .... halo
- hor .... horizon
- hz .... haze or hazy
- ld .... loud
- lg .... lightning
- lt .... light
- mt .... meteor
- N .... North
- nim .... nimbi
- ny .... nearly
- ovd .... overhead
- ovt .... overcast
- pe .... peals
- pt .... part or partly or partial
- R .... Rain
- r-b .... rainbow
- S .... South
- sc .... scattered
- sh .... sheet
- st .... stratus
- th .... thunder
- thi .... thick
- v .... very
- vir .... vivid
- W .... West

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REMARKS ON THE WEATHER FOR THE MONTH OF MARCH 1852.

	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Thermometers. Radiation. Sol.	Ter.	Air. Max.	Min.
1	clear, D	0	clear, ...	0	clear.	0	sc-cu, ...	3	sc-cu, ...	2	sc-cu, ...	1	—	—	87·2	69·7
2	do. D ..	0	do. ...	0	sc-cu, ...	1	do. ...	1	ny-clear, ...	0	clear, ...	0	—	—	89 0	70·7
3	ny-clear, ..	0	ny-clear, fg, ...	0	fl-cu, hz, ...	1	ny-clear, ...	0	do.	0	do.	0	—	—	89·4	73·8
4	cr-st, cr-hz-hor,	2	cu, hz, ...	1	sc-cu, hz, ...	1	do. ...	0	do. ...	0	ny-clear, ...	0	—	—	90·1	75·6
5	clear, D... ...	0	cr-hz, cu, ...	3	cu, cu-st, cr ...	2	do.	0	do.	0	clear, ...	0	—	—	88 5	73·8
6	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	88 4	74·1
7	cu, cu-st, cr, ...	2	sc-cu, hz, ...	2	sc-cu, cu-st, cr, ...	3	sc-cu, cu-st, cr, ...	3	sc-cu, cr-st, ...	3	sc-cu, cr-st, ...	3	—	—	87·5	72·4
8	fl-cu, hz ...	3	fl-cu, cu-st	3	cu, cu-st, cr, ...	2	sc-cu, ...	1	ny-clear, ...	0	clear, ...	0	—	—	87·0	72·9
9	clear, D... ...	0	ny-clear, ..	0	clear, ...	0	ny-clear, ...	0	do.	0	do, ...	0	—	—	86 9	70 6
10	do. ...	0	clear, ..	0	do. ...	0	clear, ...	0	clear. ...	0	do. ...	0	—	—	87·8	72·4
1	fl-cu	2	cu, cr, ...	3	fl-cu, cu-st, cr, ...	3	sc cu, ...	1	sc-cu, ...	2	ny-clear, ...	0	—	—	88·1	74·4
2	clear, ...	0	clear, ..	0	clear, ...	0	fl-cu, ..	2	cu, cu-st-hor.	2	sc-cu, cr-st, cr-hz-hor,	2	—	—	88·1	73·3
3	... ...	...	... ...	...	... ..	...	... ...	...	... ...	...	... ..	...	—	—	89·2	74·7
4	ny-clear ...	0	cu, cr, cr-hz, ...	5	d-cr-hz, cu, ...	6	sc-cu, cu-st, d-cr-hz,	6	sc-cu, cu-st, d-cr-hz	6	sc-cu, cr-st, d-cr-hz.	5	—	—	91·0	75·9
5	cu, hz	5	d-cu, hz, ...	6	fl-cu, cr-hz. ...	6	cu, cr-hz, ...	6	d-cr-hz, cu, ...	7	d-cr-hz, cu, ...	7	—	—	90·5	78·0
6	cu, cr-hz, D	3	cu, cr-hz, D, ...	5	cu, cr-hz, nim,	5	cu, cu-st, cr-st, cr-hz,	4	cu, cu-st, cr-st, cr-hz,	3	sc-cu, cu-st, cr-hz,	3	—	—	89 6	76 2
7	cu-hor, ...	1	cu, cr-st, ...	2	fl-cu, hz, ...	2	sc cu, cu-st, cr-st,	4	cu, cu-st, cr-hz, ..	4	cu, cu-st, cr-st, cr-hz,	3	—	—	89·8	75·8
8	ovt. fl-th, viv-lg, Rain	8	cu, cr-hz, nim, ...	5	cr-cu, cr-st, cu,	3	cu, cr-cu, cr-st, cr-hz,	4	cu, cu-st, cr-cu, cr-hz,	5	cu, cu-st, cr-cu, cr-hz	4	—	—	88·8	73·8
9	cu, nim, sh-lg-NW, th, R	6	ny-ovt, fl-th, lg, R,	7	cu, cr-hz, nim, ...	6	cu, cr-hz, cr-cu, nim,	6	cu, cu-st, cr-hz, ...	4	sc-cu, cu-st, cr-st-hor,	2	—	—	88·6	78·1
20	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	89·2	76·9
1	cr-hz, cu, ...	2	cr, cr-hz, cr-st,	3	cu, cr-hz, ...	2	sc-cu, cu-st, cr-hz,	3	sc-cu, cu-st, cr-hz,	2	cu. cu-st, cr-hz-hor,	2	—	—	90·3	75·9
2	cu-st, cu, ...	2	cu, cr-hz,	2	fl-cu, ...	3	cu, cu-st, ...	3	cu, cu-st-hor, ..	2	cu, cu-st, cr-hz-hor	2	—	—	89·6	78·9
3	cr, cr-hz, cu,	3	cr-st, cr-hz, cu.	2	cu, cr-cu, cr-hz, ...	5	cu, cu-st, nim, lt-R,	7	cu, cu-st, nim, th-SW	8	cu, cu-st, nim, ...	7	—	—	87 3	78·8
4	cr-st, cr-hz, cu, lg-R	4	cu, cu-st, cr-hz,	5	cu, cu-st, cr, cr-hz,	5	cu, cu-st, hz, ...	6	cu, cr, cr-st, ...	4	cu, cr, cr-hz-hor,	2	—	—	88·6	76·5
5	clear, ...	0	cr, cr-hz, ...	1	cr-hz, cr-st, ...	2	cr, cr-st, cr-hz,	1	cu, cr-st, cr-hz,	2	cu, cu-st, cr-hz, ...	3	—	—	94·8	78·2
6	ny-clear, ...	0	cr-hz, cr-st,	1	clear, ...	0	sc-cu, cr, ...	2	sc-cu, cu-st, ...	2	cu, cu-st-hor,	1	—	—	92·3	79·6
7	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	90 8	78·7
8	cu, hz, ...	3	cu-hor-E,	2	fl-cu. cr-hz, ...	3	fl-cu, cu-st, ...	3	cu, cu-st-hor ...	2	cu, cu-st-hor,	1	—	—	90·6	78·8
9	clear, ...	0	cu, cr-st, cr-hz,	2	cc, hy-cu, ...	4	cu, cu-st, cr, ...	4	sc-cu, cr, cr-hz,	3	sc-cu, cr, cr-hz, ..	2	—	—	91·2	78·1
30	ny-clear, ...	0	cr, cr-hz, cr-st,	3	cu, cu-st, ...	2	sc-cu, ...	2	sc-cu, cr, ...	1	ny-clear, ...	0	—	—	90·6	76·9
31	cu, cr-st, ...	3	lt-cr, cr-hz, ..	2	sc-cu, cr, cr-hz, ...	3	cr-st, cr-hz, ...	1	cr-st, cr-hz, cu,	2	cr-st, cr-hz, cu, ...	2	—	—	92·0	76·8

REMARKS ON THE WEATHER FOR THE MONTH OF APRIL 1852.

	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Thermometers. Radiation. Sol.	Ter.	Air. Max.	Min.
1	cu, cr-hz. ...	1	cr, cr-st, cr-hz, cu,	4	fl-cu, cu-st, cr-hz, ..	5	cu, cu-st, cr, cr-hz,	6	cr, cr-hz, cr-st, cu,	4	cr, cr-hz, cu, ...	4	—	—	91·9	78·8
2	cu, cr-hz, cr,	2	cr-hz, cr-cu, ...	3	fl-cu, hz, ...	2	fl-cu, cr-hz, ...	3	cu, cr-hz-hor, ...	2	cu, cr-hz-hor,	2	—	—	90·6	77·8
3	.. ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ..	...	—	—	91·6	77·6
4	ovt, ...	8	cr-cu, cr-hz, ...	6	fl-cu, cu-st, cr-hz,	7	fl-cu, cr-hz, ...	5	cu, d-hz. ...	6	cr-hz, cr-st, cc,	7	—	—	92·8	81·2
5	cr-cu, cr-hz. ...	5	cu, cr-cu, cr-hz,	6	do. do. ...	5	cr-cc, cr-st, ...	2	cr-st, cr-hz, ...	2	lt-cr, cr-hz, ...	1	—	—	90·3	78·6
6	cr-st, cr-hz,	2	cr-st, cr-hz, ...	3	cr, cr-st, hz, ...	8	cr, cr-st, hz, ...	3	cr-hz. cr-st, cu-hor,	3	cr-hz, cr-st, ...	2	—	—	91·0	74·8
7	ny-clear, ...	0	do. ..	2	sc-cu, cr-hz, ...	4	cu. cr-hz, ...	2	cu, hz, ...	1	ny-clear, ..	0	—	—	92·0	75·7
8	cr-cu. cr-st.	3	sc-cu, hz, ...	3	sc-cu, hz, ...	1	ny-clear, ...	0	cr, cr-st, ...	1	lt-cr, cr-hz. ...	2	—	—	92·7	77·7
9	cu, cr-cu, cr-hz,	4	cu, cu-st, cr-cu,	0	cu, cr-cu, cu-st, ...	4	cu. cr-cu, ...	2	cu, hz, ...	1	cr-hz, cu, ...	1	—	—	92·8	80·6
10	... ...	...	... ...	...	... ...	...	.. ...	...	... ...	...	... ...	..	—	—	92·9	79·6
1	fl-cu, cr, cr-hz,	6	cu, cr-cu, cr-st,	6	fl-cu, cu-st, cr-hz,	5	sc-cu, cr-hz, ...	2	ny-clear, ...	0	clear, ...	0	—	—	91 7	78·5
2	ny-clear, ...	0	cr, cr-st, ...	2	lt-cu, cr-hz, ...	3	cr-st, cr-hz, ..	1	cr-hz, cr-st, cu-hor,	1	cr, cr-hz. ...	1	—	—	91·7	76·7
3	do. ...	0	cr-hz, cr-cu,	3	sc-cu, cr-hz, ...	3	sc-cu, ...	2	cu, ...	1	ny-clear, ...	0	—	—	91 7	74·3
4	do. ...	0	ny-clear, ...	0	do.	2	sc-cu, cu-st, ...	3	cu-st-hor, ...	1	clear, ...	0	—	—	92·0	75·4
5	do. ...	0	do. ...	0	do. ...	3	cu, cu-st, ...	1	clear, ...	0	do.	0	—	—	92·0	76·4
6	do. ...	0	cr-hz, cr-st, ...	1	sc-cu, cr-st, ...	3	cu, cr-hz, ...	1	cr-st, cr-hz, ...	2	cr, cr-st, cr-hz, cu,	4	—	—	91·7	76·3
7	... ...	...	... ...	...	... ...	...	... ...	...	.. ...	...	... ...	...	—	—	92·8	76·0
8	cu, hz, ...	2	cr, cr-hz. ...	3	cr, cr-st, cr-hz, ..	2	lt-hz, ...	1	ny-clear, ...	0	clear, ...	0	—	—	94·0	77·6
9	d-cr-hz, D, ...	7	ny-clear, ...	0	sc-cu, ...	1	clear, ...	0	cr-hz-hor, ...	1	lt-cr, cr-hz, ...	2	—	—	94·8	77·5
20	cu, cr-hz, cr-st,	2	cu, cr-hz, cr-st, ...	2	cu, hz, ...	1	ny-clear, ...	0	clear, ...	0	clear, ...	0	—	—	97·0	81·8
1	clear, ..	0	cr-hz, cu, ...	3	cu, cr-cu, hz, .	3	do ...	0	do-	0	do.	0	—	—	95·7	79·4
2	sc-cu, cr-hz,	4	cr-hz, cr-st, cu,	4	fl-cu, cu-st, cr-hz,	6	cu, cr-hz, ...	5	lt-cu, cr-st, ...	3	cr, cr-st, cr-hz,	5	—	—	95·9	82·0
3	fl-cu, ...	2	cu, cr-st, cr-hz,	2	cu, cu-st, hz, ..	2	cu, d-hz, ..	3	fl-cu, cu-st, ...	3	cu, cr-st, ...	2	—	—	93·5	80·7
4	... ...	..	... ...	...	. ...	...	... ...	..	... ...	..	... ...	...	—	—	94·6	81·2
5	cr-hz, cu, ..	2	fl-cu, cu-st, cr-cu, cr-st	5	fl-cu, cu-st, cr hz.	7	cu, cu-st, cr-hz, nim,	8	sc-cu, cu-st, cr hz,	7	cu, cr-cu, cr-st, cr-hz,	6	—	—	94·5	81·7
6	cu, hz, ...	2	cu, cu-st, cr-hz, nim	6	cu, cu-st, cr-hz, nim,	4	cu, cr, cr-st, cr-hz.	4	fl-cu, cu-st, cr-st, ...	3	fl-cu, cu-st, cr-st,	2	—	—	94·5	81·1
7	cr-hz, cu, ...	6	cu, cu-st, cr-st, cr-hz,	4	cu, cu-st, cr-hz, nim,	5	cu, cu-st, lt-cr-hz,	6	cu, lt-hz, ...	3	lt-cr-hz, cu-hor, ...	2	—	—	94·6	80·4
8	cu-hor, sh-lg-S	2	cu, cu-st, hz ..	4	do. do. ...	4	cu, cr-st, cr-hz, ...	0	cr-st, cr-hz, cu, ...	4	cr-st, cr-hz, cu,	5	—	—	94·6	81·6
9	cu, cr-st, hz, ...	3	cu, cr-cu, cr-st, cr-hz,	4	cu, nim, ...	4	do. ...	4	cr, cr-st, cr-hz, cu-hor	5	cr, cr-st, cr-hz, cu-hor	4	—	—	94·8	80·5
30	cu, cu-st, cr-hz,	3	cu, cu-st, cr-hz,	4	cu, cr-cu, d-cr-hz, ...	6	cu, cr-hz, cr-st, ...	4	cu, cr-hz, cr-st, ..	4	cu, cr-cu, cr-hz ...	3	—	—	95·1	81·6

EXPLANATIONS OF SYMBOLS USED IN THE ABOVE TABLE.

- ard ... around
- cld ... clouds or cloudy
- cr or cir cirri or cirrio or cirrous
- cu ... cumuli or cumulo
- D ... Dew
- d ... dense
- dis ... distant
- dt ... detached
- E ... East
- fg ... fog
- fk ... forked
- fl ... flying
- fr ... frequent
- g ... ground
- hy ... heavy
- hl ... halo
- hor ... horizon
- hz ... haze or hazy
- ld ... loud
- lg ... lightning
- lt ... light
- mt ... meteor
- N ... North
- nim ... nimbi
- ny ... nearly
- ovd ... overhead
- ovt ... overcast
- pe ... peals
- pt ... part or partly or partial
- R ... Rain
- r b ... rain bow
- S ... South
- sc ... scattered
- sh ... sheet
- st ... stratus
- th ... thunder
- thk ... thick
- v ... very
- viv ... vivid
- W ... West

REMARKS ON THE WEATHER FOR THE MONTH OF MAY 1852.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	cu, cr-cu, cr-hz, ...	5	cu, cr-cu, cr-st, hr,...	4	cu, cr-cu, cr-st, hr,...	5	cu, cr-cu, d-cr-hr, ...	7	cu, cr-cu, d-cr-hz, ...	6	... ...	...
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cr-cu, cr-st, d-cr-hs,	6
3	cu, cr-hz, ...	5	cu, cr-st, hz, ...	4	cu, cr-cu, cr-st, cr-hz,	5	cu,cr-cu,cr-st,cr-hz,lg-S	6	fl-cu,cr-hs,nim,sh-lg-S	7	ovt, ...	8
4	nvt, R	8	ny-ovt, lg, th S E ...	8	nvt, fr-th-lg S E,R..	8	ovt, sh-lg-S, lt-R ...	8	ovt, sh-lg, dis-th-S W	8	do, ...	8
5	cu, cr-hs, nim, ...	8	ny-ovt, ...	8	ny ovt, lg-N W,	8	cu, cr, cr-hz, cr-st,	6	cu, cr-st, cr-hz, ...	4	cu, cr-cu, cr-st, ...	4
6	cu, cr-hr, ...	6	cu, cu-st, cr-st,d-h z,	6	cu,cu-st,cr,d-hr,lg-W	7	cu, cu-st, cr-st, cr-hr,	6	cu, cr-st, cr.hz,	5	cu, cu-st, d-hz,	6
7	cu, cr-st, hz, ...	2	hy-cu-st,sh-lg-W ...	3	cu, cu-st, cr-hz, nim,	5	cu, cu-st, cr-hz, ...	4	cu, d-cr-hz, ..	3	cu, cr-cu, cr-st, cr-hz,	4
8	cu, cr-hr, cr-st,	3	hy-cu-st,cr-st. lg-W	2	hy-cu-st. cr-st, lg-W	2	cu, hz, ...	1	cu, cr-hr, lg-W ...	2	... ...	...
9	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..	cu, cr-hz, fr-sh-lg-W	2
10	cu, cu-st, cr-st,...	2	cu, cu-st, lg-W...	2	cu, cu-st, hz, lg-W	2	cu, cu-st, hz, lg-N	2	cr,cr-st,hz,fr sh-lg-N E	3	cu, cu-st, d hz, nim, lg-W,S	6
1	ny-ovt, ...	7	cu, cr-st, d-hz, ...	7	cr-cu, cr-st, hr, ...	5	cu, cr-cu, hz, lg-N ...	6	cu, cu-st, d-hz, lg-W	5	sc-cu, cu-st, d-hr, ...	4
2	nvt, ld-th, ...	8	cu,cu-st,cr-st,hz,lg-SE	6	cu,d-hz, nim, lg-SW	4	cu, d-cr-hz, ...	5	cu, d-cr-st, ...	4	cu, cr-st, d-cr-hr ...	3
3	cr, cr-hz, cr-cu, ...	5	cu, cr-st, hr-W-hor,	1	cr, cr-hr, cu-W-hor,	3	cu, cu-st, d-hz, lg-W	6	cu, cr-st, ...	2	cu, cr-hr, ...	2
4	cu, cr-hz, nim, ...	8	cu, cu-st, cr-st, d-hs,	6	cu, cu-st, d-hz, nim,	7	cu, cu-st, cr-hz, nim,	6	cu, cr, cr-hr, ...	3	cr-cu, cr-st, cr-hz, ..	3
5	cu, cr-hr, cr-st, nim	7	cu,cu-st, nim,hz,lg-N,W	6	cu,cu-st,nim,hz,fr-sh-lg-N,W	4	cu,cu-st,hz,nim,fr-th,lg-W N	7	cu, cu-st, cr-hz, nim,	5	... ...	...
6	... .	..	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-st, d-hz,	6
7	cu, cr-cu, cr-hz,	7	cu, cr-st, hz, ...	3	cu, cr-st, cr-hr,	3	cu, cu-st, cr-hr,	2	cr-st, cr-hz,... ..	2	cr-st, cr-hz, ...	2
8	cr-hz, cu, ...	6	cr-st, cr, ...	2	cr-st, cr-hz, ...	3	cr-cu, cr-hz, lg-W ...	2	cu, cu-st, cr-st,	3	cu,cr-st,cr-hz, fr-sh-lg-N E	3
9	cu, cr-hz, nim, dis-th,	7	cu,cu-st,cr-st,nim,th,lg-W	5	ovt, lg-W ..	8	ny-ovt, sh-lg-S	7	ovt, fr-sh-lg-S E ...	8	cu,cu-st,cr-hz,sh-lg-NE	3
20	cu, cr-hr, nim, ..	4	cu, cu-st,cr st,hz,lg-N W	4	cu-st,cr-st, hr-lg-N W	3	cr-st, cr-hz, lg-W ...	2	cr, cr-st, cr-hz, lg-N	2	cu,cr-cu,cr-hz,viv-sh-lg-N E	2
1	cu, cr-hz, nim, th- W	7	cu,cr-st,hr,lg-W-hor,	6	cu, cr-st, hr, ...	4	cu-st, cr-st, hz, lg-W, N W	4	cr-st, cr-hz, cu, ...	3	cr-st, cr-hz, cr-cu, ...	3
2	ovt, ...	8	ny-ovt, th, lg-W ...	7	hy-cu, cu-st, lg-S W	7	ovt, lg-S E	8	ovt. nim, ft-sh-lg-S,	8	... ...	...
3	... ...	...	... ...	..	... ...	..	... ...	...	... ...	..	ny-clear, ...	0
4	cr-st, hr, ...	1	ny-clear, ...	0	ny-clear, ...	0	ny-clear, ...	0	cu, hz, ...	1	cr-st, cr-hz, ...	2
5	cu-st, cr-st-W ...	1	do.	0	do.	0	clear, ...	0	do.	2	cr-cu, cr-st, ...	2
6	cu-st, cr-st, dis-th-W	2	cu-st, cr-st-W ...	1	do.	0	cu, cr-hr-hor, lg.W ..	1	clear, ...	0	cr,cr-hz, viv-sh-lg-N	1
7	cu,cr st, hz, ...	3	cu, cr-st. ...	1	cu,cu-st, cr, cr-st,lg-W	2	cu, cu-st, cr-st,lg-W, N W	4	cu, cr-st, ...	2	cu, cr-st, cr-hr, ...	2
8	cu, cr, cr-hz, ...	5	cu,cu-st, cr-st,cr,lg-W	3	cr-cu, cr-st, cr-hz, ...	4	cr-cu, cr-hz, cr-st, ...	6	cu, cr-cu, cr, cr-hz,...	5	ny-clear, ...	0
9	cu, cr-hz, nim, dis-th,	5	cu, cr-hr, nim, ...	5	lt-cu, cr-st, hz, ..	2	cu, cr-st, ...	1	cu, cr-cu, cr-st,	5	... ...	.
30	... .	...	... ...	..	... ...	...	... ...	...	... ...	...	cu, cu-st, d-cr-hr,	5
1	cu, cr-hr, cr-st,...	3	cu, cr, cr-st, ...	1	cu. cr, cr-st. ...	1	ny-clear, ...	0	clear, ...	0	ny-clear, ...	0

REMARKS ON THE WEATHER FOR THE MONTH OF JUNE 1852.

Date.	Noon	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	cu, cr-hz-hor, ...	2	cu-st, cr-st, hz, ...	1	clear,sh-lg-S W-hor...	0	fl-cu, ...	4	cu-hor, ...	1	ny-clear, ...	0
2	sc-cu, hor, ...	1	ny-clear, ...	0	fl-cu,cr-st,cr-hz,lg-SW	5	cu, lt-cr-hr, ...	3	cu, hr,... ...	2	do. ...	0
3	ny-clear, ...	0	do.	0	ny-clear, ...	0	clear, ...	0	do.	8	cu-hor, ...	2
4	cu, cu-st-hor, ...	2	cr-st, lt-hr. ...	1	do. sh-lg-S,N-hor,...	0	do.	0	cu, cr-hr, ...	6	cu, hz-hor, ...	3
5	sc-cu, cr-hr. ...	2	cr, cr-st. hz, ...	1	cu,cr-cu,cr-st,hz,lg-W	3	cu, cr-cu, hr,	3	cu, cu-st, cr-st, ...	4	... ...	.
6	... ...	...	... ...	..	... ...	..	... ...	..	... ..	..	cu-hor, ...	1
7	sc-cu, cu-st, ...	2	cu, cu-st, hor, ...	1	clear, lg-N W hor, ...	0	clear, ...	0	clear, ...	0	clear, ...	0
8	cu,cu-st, cr hz,nim N W	4	cu, cu-st, hr, ...	3	cr-hs. ...	1	ny-clear, ...	0	do.	0	do.	0
9	cu, cr-st, cr-hr, ...	5	cu-st, cr-st, cr-hs,	2	cr, cr-st, hr, ...	3	cu, d-hr, ...	4	cr-hs, ...	2	ny-clear, ...	0
10	cu,cu-st, d cr-hz,nim-NW	7	cu,cu-st,d cr-hz,lg-N W	7	cu, cr-st, fr-lg-N W	4	fl-cu cr-st,hz,fr-lg-NW	4	cu, cr-hz, ...	3	cu, cr-st,cr-hz,...	4
1	fl-cu, cu-st, cr-hz, nim, ...	6	cu,cu-st,cr-st. cr-hz, ..	4	cu, cr-st, hz, ...	3	fl-cu, cr-st, hr, lg-N	2	cu-hor, sh-lg-N E ..	1	cu, cr-hr, ...	3
2	cu,cu-st, cr-st,d-cr-hz,nim-N (W	7	hy-cu-st, cr-hz,	4	fl-cu, hz. ...	2	cu, cr-h, nim,R	5	cu, hz, ...	4	.. ..	...
3	... ..	...	... ...	..	... .	...	... ...	..	... ...	...	cu, cr-hz, ...	3
4	fl-cu,cu-st,cr-hz,nim,dis-th-S (W	7	cu, cu-st, d-hz, ...	7	cu,cu-st,cr-st, d-hz,fr-lg-W	5	cu,cr-hz nim,fr-sh-lg,th,	7	ovt, sh-lg-E ..	8	ovt,ft-sh-lg-W,lt-R	8
5	ovt, th-S W, R	8	cu, cu-st. lg-E.	7	ovt, lg-S E ...	8	ovt, ft-sh-lg, ...	8	ovt, ...	8	ovt, ...	8
6	do. ...	8	cu, cu-st, d-hz, ..	7	cu,cr st,d-hz,sh-lg-NE	6	ovt, ...	8	do.	8	do.	8
7	do.	8	cu, cu-st, cr-hs.	6	ny-ovt, ...	8	do.	8	cu, cr-hz, ...	6	cu, cr-hr, ...	7
8	cu, cu-st,cr-cu, cr-hz.	8	ny-ovt, lt-R, ...	8	cu,d-hz, sh-lg-S ...	6	do. ...	8	ovt, ...	8	ovt, ...	8
9	nvt, ...	8	ovt, ...	8	nvt, R, lg-W N W,th	8	do. sh-lg-S W ...	8	do, lt-R	8	... ...	.
20	... ...	...	... .	...	... ...	...	... ...	...	... ...	..	do.... ..	8
1	do. R,	8	do.	8	ovt, ...	8	nvt, ...	8	ovt, ...	8	do	8
2	ny-ovt,... ..	7	cu,cu-st,cr,cr-st, d-hz	6	cu, d-hz, ...	7	ny-ovt, ...	7	do, ...	8	do.... ...	8
3	ovt, ...	8	ovt.	8	cu, d-hs, ...	7	ovt, ...	8	do.	8	do.	8
4	do.	8	do. ...	8	ovt, ...	8	do. ...	8	do.	8	do.	8
5	sc-cu, d-cr-hz,	7	do.	8	cu, d-hz, hl-)	6	d-cr-hz, ...	7	do.	8	du.	8
6	ovt, ...	8	do. ..	8	ovt, ...	8	nvt,... ...	8	du. ...	8	... ...	...
7	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu. cr-hz, ...	3
8	cu, cu-st, cr-hr, ...	6	cr-cu,cu-st, cr-hz. ...	6	cu, cr,cr-st, d-hr,hl-)	6	d-cr-hr, hl-) ...	8	do.	8	cu, d-cr-hz, ...	6
9	cu, cr-hz, ...	6	hy-cu-st, cu, cr-hr,	7	ny nvt, ...	7	ovt,... ...	8	do. ...	8	ovt.	8
30	ovt, ...	8	ovt, ...	8	ovt, ...	8	do.	8	du. ...	8	du. ...	8

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard...around
- cld...clouds or cloudy
- cr or cir...cirri or cirro or cirrous
- cu...cumuli or cumulo
- D...Dew
- d...dense
- dis...distant
- dt...detached
- E...East
- fg...fog
- fk...forked
- fl...flying
- fr...frequent
- g...ground
- hy...heavy
- hl...halo
- hor...horizon
- hz...haze or hazy
- ld...loud
- lg...lightning
- lt...light
- mt...meteor
- N...North
- nim...nimbi
- ny...nearly
- ovd...overhead
- ovt...overcast
- pa...peals
- pt...part or partly or partial
- R...Rain
- r b...rain bow
- S...South
- sc...scattered
- sh...sheet
- st...stratus
- th...thunder
- thk...thick
- v...very
- viv...vivid
- W...West

REMARKS ON THE WEATHER FOR THE MONTH OF MAY 1852.

	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	·20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Thermometers. Radiation. Sol.	Ter.	Air. Max.	Min.
1	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	90·9	81·2
2	cu,cu-st,cr-hz, nim, lg.	6	cu,cu-st, hz, nim,	7	cu, cu-st, hz, nim,	7	cu, cr-hz, nim,	7	cu, cr-hz, ...	5	cu, cr-hz, ...	3	—	—	91·1	79·5
3	ovt, sh-lg-SE, dis-th.	8	ovt,	8	ny-ovt,	7	ny-ovt,	7	ovt,	7	ovt, th-NW,	8	—	—	92·4	80·0
4	ovt,	8	do.	8	ovt,	8	ovt, dis-th....	8	cu, cr-hz, nim,	8	cu, cr-hz, nim,	8	—	—	89·3	78·4
5	cu, cu-st, cr, hz,	6	ss-cu,cu-st,cr-hz,	7	fl-cu, cu-st, cr-hz,	6	su, cr-hz, nim,	7	cu, cr-hr, nim,	5	cu, cr-hz,	4	—	—	91·9	79·3
6	ny-ovt,...	7	cu,cr-cu,cr-st,cr.hz	5	cr-cu, cr-st, cr-hz,	3	cu, cr-cu, cr-hz,	4	cu, cr-cu, cr-hz,	4	cu, cr-st, hr,	3	—	—	92·7	79·8
7	cr-cu,cr-st,cr-hz,	4	cr-cu,cr-st,cr-hz,	4	cr, cr-st, cr-hz,	4	cr-st, d-cr-hz,...	4	cr-hz, cr-st,	2	cu, cr-st, cr-hz,	3	—	—	94·8	79·0
8	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	98·0	92·5
9	cr-st, cr-hz,..	2	lt-cr,cr-st,cr-hz,	2	ny-clear, ..	0	clear, ...	0	cu, cu-st,	3	cu, cu-st, cr-st,	2	—	—	97·5	82·9
10	cu,cu-st, cr-hz, nim,	6	fl-cu,cr-st,cr hz,nim	6	cu, cu-st, cr-hz,	7	su, cu-st, cr-hz,	6	cu, cu-st, cr-hz,	6	cu,cr-st, d-hz,	6	—	—	96·8	78·2
1	cu,cu-st,d-cr-hz,	4	cu, d-cr-hz,	5	cu, cu-st, ...	6	cr, sr-st, cr-hz,	5	cu, cr-st, cr-hz,	2	cu, cu-st,cr, nim, th-W	5	—	—	99·7	82·9
2	cu, sr, d-cr-hz,...	3	cr-cu, cr-st, cr-hz	2	lt-cr-st, cr-hz,...	2	cr-hz, cr, cr-st,	4	cr-hz, cr, cr-st,	3	cr, cr-hz, ...	5	—	—	99·6	80·7
3	cr-st, cr-hr,	2	cr-st, cr-hz,	2	cr-st, cr-hz,	2	cr-st, cr-hz,	3	cu, cr, cr-st, hz,	4	cu,cr-hz,nim,th-W.	7	—	—	102·4	83·4
4	cu, sr-st, cr-hz,	2	sr-cu, sr-st, cr-hz,	3	cr, cr-st, cr-hz,	5	cr-st, hz,	2	su, sr-st, hz,	3	cu, cr-ht,...	6	—	—	99·2	83·4
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	98·7	81·1
6	cu, cu-st, cr-st,	4	cu, cr-cu, cr-hz,	4	cr-cu, cr-st, cr-hz,	4	cr-cu, cr-hz, ...	6	cu, cr-cu, cr-hz,	7	cu, cr-cu, cr-hz, ...	7	—	—	97·0	79·8
7	cr-cu,cr-st, cr-hz,	3	cu,cr-cu,cr-st,cr-hz	4	do.	3	cu, cr-cu, cr-hz,	4	cu, cr-cu, cr-hz,	5	cu, cr-cu, cr-hz,	5	—	—	100·3	83·9
8	cu,cu-st,cr-hz,sh lg-N	4	cu, cu-st, cr-st....	3	cr, cr-st, d-hz,	5	cr, cr-st, cr-hz,	5	cu, cr-hz,...	6	cu, cr-hz, ...	7	—	—	97·9	83·1
9	cu, cu-st, cr-hz,	3	sr-cu, cr-st, cr hz,	3	cu, sr-st, cr-hz,	3	cr, sr-st, cr-hz,	2	cr-cu, cr-hz, ...	2	cu,cr-hz,nim,fr-th NW,	2	—	—	99·8	83·9
20	cu,cu-st,cr-hz-E-hor,viv	2	cu, cu-st, cr-hs,	4	cu, cr-st, cr-hz,	[illegible]	cr-cu, cr, cr-hz,	6	cu,cr-cu,cr-hz, nim-NW, (th)	5	cu, cu-st, d-hz,	6	—	—	96·4	92·7
1	cu,cu-st,cr-hz, lg-NE	3	cu, cr-cu, cr-st,...	3	su, cr-cu, cr-hz,	[illegible]	su, hz,	2	fl-cu,...	1	cu,nim, fr-th-S,	6	—	—	100·2	82·4
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	101·9	80·0
3	cr-hz-hor, ...	2	cr-cu, hz,	2	cu, hz,	[illegible]	cu, cu-st,	3	cu, cu-st, sr, ...	4	ny-clear,	0	—	—	98·5	91·6
4	cr-cu, cr-hr,	2	cr-st, cr-hz,	3	cr-st, cr-hz,	[illegible]	cr, cr-hz,	1	su,	0	su-st, cr,	1	—	—	97·6	82·1
5	cu, cr-st, cr-hz,	3	cu, cr-st-hor,	2	cu, hz,	[illegible]	ny-clear,	0	sc-cu,	2	cu-st,	2	—	—	100·7	82·7
6	cu, cr, cr-st,	2	cr, cr-st, cr-hz,	3	cr, cr-st, cr-hz,	[illegible]	cr, cr-st, cr-hz,	2	cr-st, cr-hz,	4	cu, cr-st, hz,	3	—	—	99·6	81·5
7	cr-cu,cr-st, cr-hz,	2	cr-cu,cr-st, cr-hz,	3	cu, cr-st, cr-hz,	5	cu, cr-hz,	6	cu, cr-hz,	5	cu, cr-hz,	5	—	—	102·0	83·1
8	sz, cr-st,	1	cr, cr-st, cr-hz,	3	cu, cu-st, cr, cr-st,	3	cu, cr-cu, cr-hz,	4	cu, cu-st, cr-hz,	4	cu, cr-hz, nim,	6	—	—	101·9	83·8
9	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	100·0	93·2
30	cu, cu-st, cr-hz,	4	cr, cr-st, hz,	2	cu,sr-cu, cr-hz,	[illegible]	cr-st cr-hz,	2	cr-st, cr-hz,	2	cu, cr-hz, cr-st,	2	—	—	95·3	81·8
1	cr, cr-st,	1	ny-clear,	0	ny clear,	[illegible]	sc-cu-hor,	1	sc-cu-hor,...	2	cr-cu-hor,	2	—	—	96·6	82·2

REMARKS ON THE WEATHER FOR THE MONTH OF JUNE 1852.

	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Sol.	Ter.	Max.	Min.
1	cu, cu-st-E-hor,	2	cu-hor, ...	2	sr-cu,	2	sc-cu, cr, ...	3	cu, cu-st-hor,	2	cu, cu-st-hor,	2	—	—	94·1	82·4
2	sc-cu, hz,	3	ny-clear,	0	fl-cu,	1	sc-cu, ...	2	sc-cu, ...	2	sc-cu-hor,	2	—	—	96·7	82·4
3	cu-hor,	2	do.	0	clear,	0	sc-cu, sr-hor,	2	sc-cu-hor,...	2	do.	2	—	—	96·6	82·1
4	ny-clear,	0	cr,cr-st-N-hor,	1	cu,hz,	1	sc-cu, cr-st,	2	sc-cu, cr-st-hor,	2	sc-cu, cr-st,	2	—	—	101·1	82·5
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	99·7	83·1
6	do.	0	cu, hz,	1	cr-hz, cr-st,	2	cu, sr-cu, cr-st,	2	sc-cu, cu-st,	3	sc-cu, cu-st,	3	—	—	101·8	82·9
7	clear,	0	clear,	0	clear,	0	sc-cu-hor,	1	sc-cu, cr-hz,	2	sc-cu,cu-st,cr-hz,th-NW	3	—	—	102·9	84·8
8	do.	0	do.	0	cr, cr-st, sr-hz,	3	cr-cu, cr-st, cr-hz,	3	cd, cu-st, cr-hz,	4	cu, cu-st, cr-hz, nim	5	—	—	104·5	84·6
9	cr-cu, sr, cr-st,	3	cu, cr-hz,	6	cu, cr-hz,	7	cr, cr-st, d-sr-hz,..	7	cu, cu-st, d-cr-hz,...	7	cu, cu-st, d-cr-hz,...	7	—	—	100·2	83·6
10	cu, sr-st, cr-hz,..	4	cr-cu, cr-hz,	5	cr, cr-hz, cr-st,	3	cu, cu-st, cr, cr-hz,	5	sc-cu, cu-st, cr-hz,	7	fl-cu,cu-st,cr-hz,nim	7	—	—	98·7	82·7
1	cu,cu-st,cr,cr-hz,	5	cu, cr-hz,	2	cr-cu, cr-hz,	3	sc-cu,cu-st, d-cr-hz,	6	sc-cu,cr-st,d-cr-hz,	6	cu, cu-st,d-cr-hz,...	6	—	—	96·3	84·0
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	100·8	83·3
3	cu, cr, sr-hz	4	cu, cr-st, cr-hz,..	8	do.	8	sc-cu, cr-st, cr-hz,	5	cu,cu-st,cr-st,cr-hz,	5	cu,cu-st,cr-st,cr-hz,	6	—	—	102·9	80·8
4	ovt, lt-R	8	ovt,...	8	cr-hz, cr-st,	6	cr-cu, cr-st, cr-hz,	6	sc-cu, sr-st, cr-hs,	6	cu,cu-st,cr-hz,nim,	7	—	—	100·5	81·1
5	cu, cr-st, cr-hz,	6	sr-cu,cr-hz,cr-st,	7	ovt,	8	ovt,	8	ny-ovt,	7	ovt,	8	—	—	95·7	81·6
6	ovt,	8	cr-cu, cr-hz,	3	cr-cu,cr-hz,	6	sr-cu, cr-st, cr-he,	7	cr-cu, cr-st, cr-hr,	7	cr-cu, cr-st, cr-hz,	7	—	—	99·5	81·4
7	do.	8	ovt,...	8	do.	7	ny-ovt,	7	ny-ovt,	7	cu,cr cu,cr-st,cr hz,	7	—	—	99·3	83·0
8	do.	8	do.	8	do. ...	8	cu,cr-cu,cr-st,cr-hz,	7	cu,cu-st,cr-cu,cr-hz,	6	cu,cu-st,cr-cu,cr-hz	7	—	—	98·1	79·8
9	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	94·0	78·5
20	do.	8	cu, cr-cu, cr-hz.	7	ovt,	8	ovt,	8	bvt,	9	ovt,	8	—	—	94·3	77·0
1	do.	8	ovt,	8	do.	8	do.	8	do.	9	do.	8	—	—	90·6	80·1
2	do.	8	do.	8	do.	8	do.	8	do.	8	cu, sc-st, d-cs-hs	7	—	—	96·4	81·3
3	do.	8	do.	8	do.	8	do.	8	do.	8	ovt,	8	—	—	92·4	81·8
4	do.	8	do.	8	d-cr-hz,	8	do.	8	sc-cu,d-cr-hz,...	8	sr-cu, d-cr-hr,	8	—	—	95·5	81·0
5	do.	8	do.	8	ovt,	8	do.	8	ovt,	8	ovt.	8	—	—	92·0	80·7
6	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	92·0	82·1
7	cu,cr-cu,cr, cr-hz,	6	cu, cr, cr-hz, ...	8	cr-cu, cr-st, cr-hz,	5	cz, cr-st, cr-hz, cu,	4	cr, cr-st, cr-hz,	4	sc-cu, cr-st, cr-hz,	5	—	—	100·0	79·2
8	cu, d-cr-hz,	7	cr-cu,sr-st, cr-hs,	6	ny-ovt,	7	cr, cr-st, cr-hz, su,	6	cr, cr-st, d-cr-hz,...	8	cu, cr-hz,...	4	—	—	98·3	82·9
9	ny-ovt,	7	ovt,	8	ovt,	8	ovt,	8	ovt,	8	ovt,	8	—	—	95·7	81·5
30	ovt,	8	do.	8	cu,cr-cu, sr-st,cr-hz	7	cu,cr-cu,cr-st,cr-hz,	8	cu, cu-st, d-cr-hz,...	8	fl-cu, cr-cu, cr-st,...	7	—	—	98·1	81·4

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard ... around
cld ... clouds or cloudy
cr or crr ... cirri or cirro or cirrous
cu ... cumuli or cumulo
D ... Dew
d ... dense
dis ... distant
dt ... detached
E ... East
fg ... fog
fk ... forked
fl ... flying
fr ... frequent
g ... ground
hy ... heavy
hl ... halo
hor ... horizon
hz ... haze or hazy
ld ... loud
lg ... lightning
lt ... light
mt ... meteor
N ... North
nim ... nimbi
ny ... nearly
ovd ... overhead
ovt ... overcast
pa ... pale
pt ... part or partly or partial
R ... Rain
r-b ... rain-bow
S ... South
sc ... scattered
sh ... sheet
st ... stratus
th ... thunder
thk ... thick
v ... very
viv ... vivid
W ... West

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REMARKS ON THE WEATHER FOR THE MONTH OF JULY 1852.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	fl-cu,	8	ny-ovt, lt-R,	8	ovt, R, lg, th,	8	ny-ovt, lg,	7	ny-ovt,	7	ovt,	8
2	ovt,	8	do.	7	3-cu, cu-st, d-hs, nim,	7	do.	7	do.	7	cu, cr-cu, cr-hs,	7
3	do. R, dis-th,	8	ovt,	8	ovt, R, lg,	8	do.	7	do.	7	...	...
4	...	...	...	...	...	...	...	...	...	...	ovt,	8
5	3 cu, nim,	8	ny-ovt,	7	ovt,	8	do.	7	ovt.	8	do.	8
6	cu, cu-st, hs, nim,	7	do. nim,	7	do. lt-R, lg-NW,	8	cu, cu-st, d-hs,	4	cu, cu-st, cr-hs,	5	cu, cr-hs,	4
7	fl-cu, cu-st,	7	do. nim,	7	ny-ovt, nim,	8	cu, cr-st, cr-hs,	4	cr-st, cr-hs, cu,	2	cr-hs, nr-st,	2
8	fl-cu, nim,	8	cu, cu-st, d-hs,	7	cr, cr-hs, cr-cu,	6	cu, cr-st, cr-hs,	4	cr-cu, cr-st, hz,	5	cu, cr-hs,	4
9	cu, cu-st, nr-st, hs,	4	ovt, th-W, R,	8	ovt, R,	8	ovt.	8	ovt.	5	do.	6
10	cu-st, cr-st, cr-hs,	2	cu, cu-st, cr-st, hz,	3	cu, cu-st, nim-W,	4	cu, cu-st, cr-hs,	5	cr, cr-st, cr-hs,	3	...	...
1	...	...	...	...	...	...	...	...	...	...	cr-st, cr-hz, lg-W,	4
2	cu-st, cr-st, hs,	2	cu, cr-st,	1	lt-cu, hs,	3	cr-cu, cr-st, cr-hs,	6	cu, cu-st, cr-hs, sh-lg-W-hor	6	cu, cr-hs,	2
3	cu, cu-st, cr-st, cr-hs,	3	cu-st, cr-st, hs, lg-W,	2	cu, cr-cu, cr-hs,	6	cu, cu-st, hs,	4	cu, cr-st, cr-hs,	4	cu, cr-hs, nim, sh-lg-NE	6
4	cu, cu-st, cr-hs, nim,	7	cu, cu-st, cr-st, hz,	4	cu, cu-st, hs,	4	sc-cu, cr-hs, lg-SW,	3	cr-st, cr-hs, lg-SW,	2	clear,	0
5	cu, cu-st, cr-st, cr-hs,	6	cu-st, cr-st, hs,	1	clear,	0	cr-cu, lt-hs,	1	cr-st, cr-hs,	2	do.	0
6	sr, cr-hs, cu-hor,	5	cu-st, cr-st, hs,	2	cr-st, hs,	2	cr-st, cr-hs, lg-S W,	2	do. sh-lg-S, SE,	2	cu, cr, cr-hs, lg-NE,	8
7	cu, cr-st, cr-hs,	3	cu, cu-st, cr-st, hz,	2	cr, cr-st, cr-hs, lg-W	2	cr-st, cr-hs,	2	cr-st, cr-hs, lg-SE,	2	...	...
8	...	...	...	...	...	...	...	...	...	...	cu, cr-hs, sh-lg-SW,	2
9	cr, cr-st, cr-hs.	3	cr, cr-st, cu-W-hor,	1	cr, cr-st, cu-W-hor,	1	cu, cr-st, hs,	2	cu, cr-st, cr-hs,	3	cu, cu-st, nim, sh-lg-S	5
20	cr, cr-hs, cr-st, cu-hor,	5	cu, cr-st, hs,	2	fl-cu, hz,	2	cu, cu-st, hz, lg-W,	6	cu, cr-st, hs, lg NW,	3	cu, nim,	5
1	ovt, lt-R	8	ny-ovt,	8	ovt, lt-R,	8	nvt, sh-lg-NW,	8	sc-cu, cr st, cr hs, lg-NW.	5	ovt, fr-viv, lg, th-NE, E, R,	8
2	do.	8	nvt,	8	zu, cr-st, cr-hs,	4	fl-cu, cr-st, hr,	6	ovt, lg-NW,	8	ovt,	8
3	cu, cr-cu, cr, cr-hs,	7	cu, cr-st, hs,	8	cu, cu-st, cr-cu, cr hs.	5	cu, cu-st, cr-cu, cr-hs,	6	cu, cr-st, cr-hs,	3	cu, cr-hs, sh-lg-NE,	3
4	ovt,	8	cu, d-hs,	7	zu, d-hs, lg-NW,	7	ny-ovt, lg-N.	7	do.	6	...	...
5	...	...	...	...	...	...	...	...	...	...	cu, cr-hs,	6
6	cu, d-hs,	8	cu, cu-st, d-hs, nim,	7	cu, cu-st, cr cu, hs, lg-S	7	cu, cu-st, cr-hs.	6	cu, cu-st, cr-hs,	5	do. nim,	5
7	zu, cu-st, cr-hs,	6	cu, cu-st, cr-st, hs,	3	cu, cu-st, nim,	5	ny-ovt, hy-R, lg, th,	7	do.	6	ovt.	8
8	zr, cu-st, cr-st, d-hs,	8	cu, d-hs,	8	ny ovt, hl-☽	7	cu, cu-st, cr-hs, nim,	6	cu, cr-cu, cr-hs,	6	do,	8
9	cu, zu-st, cr-st, hs, lt-R,	7	ovt, R.	8	do.	8	nvt,	8	nvt,	8	do. lt-R,	8
30	ovt,	8	do.	8	ovt.	8	do.	8	do.	8	do. do.	8

REMARKS ON THE WEATHER FOR THE MONTH OF AUGUST 1852.

Date.	NOON.	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
July 31	ovt,	8	ny-ovt,	8	ovt,	8	nvt,	8	nrt,	8	...	...
1	...	...	...	...	...	...	...	...	...	...	nrt,	6
2	cu, cr-hs, nim,	8	cu, cr-hs, nim,	8	cu, d-hs,	4	ny-ovt,	7	do. hl-☽	8	cu, cu-st, cr-hs,	6
3	cu, cr hs,	6	cu, cr cu, hy cu st, nim-hor	7	ovt,	8	ovt, sh-lg-NW,	8	do.	8	nvt	8
4	cu, cr-hs, r-b-E,	7	nvt, R, th,	8	do, sh-lg SE,	8	do. sh-lg-E,	8	do.	8	do.	8
5	cr, cr-cu, cr-hs, nim, r-b-E	4	cu, cu-st, cr-cu, cr-hs,	6	ny-ovt, lt-R,	7	cu, cr-hr, nim, lt-R,	7	cu, cr-hs,	8	do.	8
6	cu, cu-st, cr, cr-hz,	6	cu, cu-st, cr, cr-hs, nim	4	do. fr-lg-NW, S, dis-th	7	ovt, fr-sh-lg-W, NE, th, R	8	ovt, lt-R, lg-E.	8	do.	8
7	cu, cr-hs, nim,	8	cu, cr, d-hs,	8	ovt,	8	ovt,	8	cu, d-hs,	7	...	...
8	...	...	...	...	...	...	...	...	...	...	cu, cu-st, cr-hs,	6
9	do. do.	7	cu, cr-cu, cr-hs,	4	ny-clear,	1	cu, cr, hs,	3	do.	4	cu, cr-st, cr-hs,	2
10	do. do.	7	cu-st, cr-st, d-hs,	7	cu, cr-cu, cr, d-hs,	5	lt-cu, cr-st, hs,	2	lt-cu, hs,	2	do.	2
1	cu, cr-st, d-cr-hs,	7	cu, cr-cu, d-cr-hs,	6	lt-cu, cr-st, d-hs,	3	cu, cr-cu, cr-st,	5	nvt,	8	ny-ovt,	7
2	cu, cu-st, d-hs,	8	cu, cu-st, d-hs,	8	cu, cr-st, d-hz,	5	cu, cr-cu, cr-st, d-hs,	7	cu, cr-cn, cr-st, d-hs,	7	cu, cr-cu, d-hs,	6
3	ovt,	8	cr, cr-st, d-hs,	8	cu, d-hs,	7	cu, d-hs,	6	cu, d-hs,	6	ny-ovt,	7
4	cu, cr-hs, nim,	7	cu, cu-st, cr-hs,	7	ny-ovt,	7	cu, cr-cu, cr-st,	6	cu, cu-st, cr, cr-st,	7	...	...
5	...	...	...	...	...	...	...	...	...	...	cu, cu-st, cr st, cr-hs,	6
6	ovt,	8	ovt,	6	cu, d-hz, lg-SW,	7	do. lg-NW,	5	cu, cr-hs, lg-N,	3	cu, cr-cu, cr-hs,	5
7	do.	8	ny-ovt,	8	do.	7	cu, d-hs,	7	cu, d-hs,	7	cu, cr-cu, d-hs,	6
8	do.	8	nvt,	8	nvt,	8	ny-ovt,	7	cu, cr-hs,	7	ovt, hy-R	8
9	do.	8	do.	8	do.	8	nvt, lt-R,	8	ovt, lt-R,	8	do.	8
20	do.	8	do.	8	do.	8	do	8	do	8	do.	8
1	do.	8	do.	8	do.	6	do.	8	do	8	...	...
2	...	...	...	...	...	...	...	...	...	...	do.	8
3	do.	8	ny-ovt,	7	cu, hs,	5	cr, cr-st, d-he,	4	cu, cr-st, cr-hs,	6	cu, cu-st, cr-hs, nim,	6
4	cr-cu, cu, cr-hs,	3	cu-st, cr-st, hs,	3	cr, d-hs, hl-☽	6	cu, d-hs, hl-☽	7	cu, d-hz, hl-☽	6	cu, cr-st, cr-hz,	3
5	cu, cr-hs, cr-st,	3	cu, cr-hz, cr-st,	3	cu, cr, cr-st, sh-lg-SW,	3	cu, cr-cu, hs,	5	cr-cu, cr-hz,	3	cr-cu, cr-hs,	2
6	cu, hs,	1	cu-st, cr-st,	[illegible]	ny-clear, lg-W,	0	clear,	0	clear,	0	clear,	0
7	do.	1	clear,	[illegible]	clear,	0	do. lg-W-hor,	0	do,	0	cu, cu-st, hs,	3
8	ny-clear,	[illegible]	do.	[illegible]	do.	0	cu-SW, SE,	1	do,	0	...	...
9	...	...	...	...	...	...	...	...	...	...	cu, cu-st, cr-hs, nim, lt-R	5
30	cu, cr-cu, cr-hs,	7	ny-ovt,	8	nvt,	8	ovt,	8	ny-ovt,	7	ny-ovt,	7
1	ovt.	[illegible]	cu, cr-cu, cr-st, cr-hs,	[illegible]	ny-ovt,	7	do.	8	nvt,	8	do.	7

EXPLANATIONS OF SYMBOLS USED IN THE ABOVE TABLE.

ard ... around; cld ... clouds or cloudy; cr or cir ... cirri or cirrio or cirrous; cu ... cumuli or cumulo; D ... Dew; d ... dense; dis ... distant; dt ... detached; E ... East; fg ... fog; fk ... forked; fl ... flying; fr ... frequent; g ... ground; hy ... heavy; hl ... halo; hor ... horizon; hz ... haze or hazy; ld ... loud; lg ... lightning; lt ... light; mt ... meteor; N ... North; nim ... nimbi; ny ... nearly; ovd ... overhead; ovt ... overcast; pk ... peals; pt ... part or partly or partial; R ... Rain; r b ... rain bow; S ... South; sc ... scattered; sh ... sheet; st ... strata; th ... thunder; thk ... thick; v ... very; viv ... vivid; W ... West.

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REMARKS ON THE WEATHER FOR THE MONTH OF JULY 1852.

	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers. Radiation. Sol.	Ter.	Air. Max.	Min.
1	ovt, ..	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	fl-cu, cr-cu, cr-hz,...	7	cu, d-cr-hz, ...	8	—	—	97·5	81·[illegible]
2	cu, cr-cu, cr-hz,	7	cu, cr-cu, cr-hz,	7	cu, cr-cu, cr-hz,	7	do.	8	fl-cu, cu-st, cr, cr-hz,	7	cu, cr, cr-st, cr-hz,	7	—	—	97·2	81·[illegible]
3	... ...	...	... ...	...	... .	...	... ...	...	... ...	...	... ...	...	—	—	97·2	81·0
4	ovt,... ...	8	do. ...	7	do.	5	cr, cr-hz, cu, ...	2	fl-cu, cr-cu, cr-hz,	6	fl-cu, ...	6	—	—	97·0	79·[illegible]
5	cu, cr, cr-hz, ...	0	cr-cu, cr-st, cr-hz,	5	cr, cr-cu, cr-hz, ...	3	cr, cr-cu, ...	3	cu, cu-st, cr-cu, ...	3	cu, cu-st, cr-o, cr-hz	6	—	—	98·0	80·1
6	cu, cr-hz, ...	3	cr-hz, cr-cu, cr-st,	4	cr-st, cr-hz, cr,	4	cr-st, cr-hz, ..	4	cr-st, cr-hz, cu,	4	fl-cu, ...	5	—	—	98·8	79·9
7	cr-hz, cr-st, ...	2	cr-cu, cr-st, cr-hz,	6	cr-cu, cr-st, cr-hz,..	5	cr-cu, cr-st, d-hz,...	7	cr-st, d-hz, ..	7	cu, cr-cu, d-cr-hz,	7	—	—	99·1	81·7
8	cu, cr-hz. ...	3	cu, cu-st, cr-hz,...	7	cu, cr-cu, cr-st, cr-hz,	7	cr-st, cr-hz, cu,	4	hy-cu, cu-st, hz,	7	hy-cu, cu-st, hz, ...	7	—	—	98·0	82·0
9	cu, cr-st, cr-hz,...	6	cr-cu, cr-st, cr-hz,	4	cr, cr-hz, ...	2	cr-st, cr-hz, ...	2	cu, cr-st, cr-hz, ..	2	cu, cu-st, cr-st, hz,	2	—	—	97·0	79·1
10	... ...	...	... ...	...	.. ..	...	... ...	...	... ...	...	... ...	.	—	—	96·4	79·9
1	cu, cr-hz, ..	5	cu, cr-cu, cr-hz,	5	cr-cu, cr-st, cr-hz.	5	cu, cr-st. cr-hz, ..	3	cu, cu-st, cr-st, hz,	3	cu-st, cr-st, cr,	2	—	—	96·5	80·2
2	fl-cu, cr-hz,...	6	cr-cu, cr-st, ...	3	cu, cr-cu, cr-st, cr-hz,	3	cu, cu-st, cr-cu, cr-st, cr-hz,	8	fl-cu, cu-st, cr ..	3	cu, cu-st, cr-hz, lt-R	3	—	—	96·9	83·5
3	cu-hor, fr-sh-lg-W	2	fl-cu, hz, ...	3	cr-hz, cr-st, ..	2	lt-cr-hz-N-hor, ...	2	cu, cu-st, ...	3	fl-cu, cu-st, dis-th,	4	—	—	97·6	82·0
4	cu, cu-st, nim, sh-lg-N	5	cu, cr-cu, cr-hz.	3	cr-st, hz, lt-cu,	1	cu, cu-st, cr-hz,	3	cu, cu-st, nim, ...	4	cu-W, N-hor, th-W	3	—	—	96·5	83·4
5	clear, ...	0	cr-st, cr-hz, cr-cu,	3	cr. cr-st, cr-hz, ...	3	cr-st, cr-hz, cu, ...	4	cr-st, cr-hz, cu,	6	cr, cr-hz, cu-hor,...	6	—	—	95·4	81·0
6	cu, cr-hz. cr-st,	3	cu, cu-st, cr-hz, nim	7	cu, cr-cu, d-cr-hz,	6	cu, cr-hz, ...	5	cu, cr-hz, ...	7	cu, cr-hz. ...	6	—	—	96·9	82·1
7	.. ..	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	94·8	80·8
8	cu, cr-hz, ...	1	cu, cu-st, cr-hz,	4	cu, cu-st, cr-st, cr-hz,	5	fl-cu, cr-hz, ...	4	cu, cu-st, cr, cr-hz, cr-st.	5	cu, cr, cr-st, cr-hz,	5	—	—	93·7	82·2
9	do.	2	cu, cr-hz, cr-st,...	3	cu, cr-hz, ...	3	cu, cr-hz, ...	4	cu, cu-st, cr, cr-hz,	4	cu, cu-st, cr, cr-hz,	4	—	—	93·6	82·3
20	oy-ovt, R ...	7	ovt,... ...	8	oy-ovt, ...	7	cu, cr-cu, cr-st,	6	cu, hz, ...	8	ovt, ...	8	—	—	91·5	79·3
1	ovt, fr-lg, R ..	8	cu, cr-hz, nim. ...	7	cu, cu-st, cr-st, nim,...	8	ovt, hy-R, th, ...	8	ovt, R, lg, th,...	8	do. R ...	8	—	—	84·9	76·8
2	do. ...	8	ovt, lt-R ...	8	ovt, ...	8	ovt, ...	8	do.	8	cu, cr, cr-st, ...	6	—	—	89·2	78·0
3	cu, cr-hz, nim, fl-sh-lg-NE	6	cu, cr-hz, nim,...	8	do.	8	do.	8	do.	8	ovt, ...	8	—	—	88·7	78·8
4	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	91·7	79·7
5	cu, cr-hz, ...	4	cr-cu, cr-st, cr-hz,	3	cr-cu, cr-st, cr-hz,	4	cr, cr-hz, cr-st, ...	4	cu, cr-cu, d-hz,	6	d-cu, hz, ..	7	—	—	94·6	79·7
6	do. nim, ...	6	cr-cu, cr-st, cu,...	4	do.	3	cu, cr-cu, cr, cr-hz,	4	cu, cu-st, cr, cr-hz,	6	cu, cu-st, d-hz, ...	6	—	—	96·6	80·2
7	ovt, ...	8	ovt,... ...	8	ovt.	8	ovt, ...	8	cu, d-hz, ...	8	cu, d-hz, nim, ..	8	—	—	92·9	79·1
8	do. ...	8	do.	8	do.	8	do.	8	cu, cu-st, cr, ...	7	cu, cu-st, hz, ...	8	—	—	94·7	80·2
9	do.	8	do. ...	8	do.	8	do.	8	ovt, ...	8	ovt, lt-R, ...	8	—	—	86·5	78·7
30	do. ...	8	do.	8	do.	8	cu, cr-cu, cr-st, hz,	8	cu, cu-st, cr-hz,	8	cu, cu-st, cr-cu, hz,	8	—	—	90·7	77·2

REMARKS ON THE WEATHER FOR THE MONTH OF AUGUST 1852.

	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Radiation. Sol.	Ter.	Air. Max.	Min.
J.31	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	91·1	78·5
1	ovt,... ...	8	ovt, ...	8	ovt, ...	8	ny-ovt, ...	7	cr-cu, cr-hz, ...	6	cu, cr-hz, nim,	8	—	—	92·3	80·0
2	cu, cr-cu, cr-st, cr-hz	7	cr-cu, cr-st, cr-hz,	4	cr-cu, cr-st, ..	4	cu, cr-hz, ...	6	cu, cr-hz, ...	6	do. do. ...	8	—	—	93·4	79·5
3	ny-ovt,... ...	7	cu, cu-st, cr-cu, cr-hz,	7	cr-cu, cu, cr-hz, ..	8	cu, cr-cu, cr-hz,	6	cu, cu-st, d-hz,	7	do. do.	8	—	—	94·4	80·5
4	do. ...	7	cu, cr-hz, ...	7	cu, cr-hz, ...	6	do.	4	cu, cr-cu, d-hz, ...	6	cu, cr-cu, cr-hz, ...	5	—	—	94·6	79·2
5	cu, cu-st, cr-hz, nim,	8	do. ...	7	do.	7	cu, cr-cu, cr, cr-st,	5	cu, cr-cu, cr, cr-st,	5	do.	6	—	—	96·1	81·1
6	ovt, ...	8	ovt, ...	8	ovt, ...	8	co, cr-hz, ...	8	co, cr-hz, ...	7	cu, cr-hz, ...	8	—	—	93·6	81·3
7	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..	—	—	96·7	81·6
8	cu, cr-cu, cr-hz,	5	cu, cr-cu, cr-hz,	6	cu, cr-cu, cr, cr-hz,	4	cr-cu, cr-hz, ...	2	cu, cr, cr-cu, hz, ...	3	do.	6	—	—	94·8	79·5
9	sc-cu, cr-hz, ...	4	do. ..	5	cr-cu, cr-st, cr-hz,	5	cu, cr-cu, cr-hz,	3	cu, cr-cu, cr-hz,	3	do. ...	5	—	—	94·8	80·2
10	cu, cu-st, cr-hz,	5	cr-cu, cr-hz, cr-st,	3	cr-cu, cr-st, d-cr-hz,	5	co, cr-st, d-cr-hz,...	5	cu, cr-st, d-cr-hr,	6	cu, cr-st, d-cr-hz,...	6	—	—	95·8	80·6
1	co, cr-cu, d-hz,...	6	cr-cu, cr-st, cr-hz,	5	cr-cu, cr-st, cr-hz,	4	cr, cr-hz, ...	2	cr, cr-hz, ...	5	cu, cr, cr-st, cr-hz,	6	—	—	96·3	81·9
2	cr-cu, cr-st, d-hz,	5	ny-ovt, ...	7	oy-ovt, ...	7	oy-ovt, ...	7	d-cr-hz, cu, ...	7	d-cr-hz, cu, ..	7	—	—	95·5	82·3
3	ny-ovt,... ...	7	cu, cr, cr-st,	5	cr-cu, cr-st, cr-hz,	5	cu, cr-cu, cr-hz,	4	cu, cr-hz, ...	6	cu, cr-hz, nim,	7	—	—	95·5	82·6
4	... ...	..	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	—	—	96·2	82·4
5	cu, cu-st, cr-hz,	7	cu, cu-st, cr-cu, cr-hz,	7	cu, cu-st, cr-cu, cr-hz,	7	ny-ovt, ...	7	ovt.	8	ovt, ...	8	—	—	93·1	83·2
6	do. nim, ...	6	cu, cu-st, cr-hz,	6	cu, cr-cu, cr-st, ...	5	cu, cr-hz,... ...	7	do.	8	do.	8	—	—	92·7	79·1
7	ovt,... ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	do.	8	do.	8	—	—	87·7	80·7
8	do. lt-R, ...	8	do. lt-R,	8	do. lt-R,... ...	8	do.	8	cu, d-cr-hz, ...	7	cu, d-cr-hz, ...	7	—	—	89·6	77·2
9	do. ...	8	do.	8	do.	8	do.	8	ovt, ...	8	ovt, ...	8	—	—	87·5	79·2
20	do.	8	do. ...	8	do.	8	do. lt-R, ...	8	do.	8	do.	8	—	—	85·7	79·0
1	... ...	...	... ...	..	... ...	...	... ...	...	... ...	...	... ...	...	—	—	92·4	78·8
2	do.	8	do. ...	8	do.	8	do.	8	do.	8	do.	8	—	—	92·4	79·0
3	cu, cu-st, cr-hz,	7	cu, cr-cu, cr-hz,	4	cr-cu, cr-st, cr-hz,	4	cr, cr-hz, ...	2	cu, hz, ...	3	cu, hz, ...	2	—	—	93·7	79·9
4	cr-cu, cr-hz, ...	8	cr-cu, cr-st, cr-hz,	1	cr, cr-st, cr-hz, ..	1	cu, hz, cr-st, ...	2	co, cr-hz, nim,	3	cu, cr-hz, ...	3	—	—	93·8	80·3
5	cu, cr-hz, ...	1	cr-cu, cu-N-hor,	1	cu, cr-cu, cr-hz,	3	fl-cu, ...	2	cu, ...	2	cu, hz, ...	2	—	—	91·9	78·2
6	clear, ...	0	cu, cr-hz-S-hor,	1	fl-cu, hy-cu, ...	2	do.	2	fl-cu, ...	1	do. ...	1	—	—	92·2	78·6
7	cu, cr-st, cr-hz,	2	ny-clear, ...	0	ny-clear, ...	0	sc-cu, ...	2	sc-cu, ...	1	sc-cu, ...	1	—	—	92·5	80·4
8	... ...	...	... ...	..	... ...	...	... ...	...	... ...	...	... ...	...	—	—	97·2	79·9
9	cu, cu-st, hz, nim	7	ny-ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	cu, cr-hz, cr, ...	7	—	—	88·1	76·4
30	ovt, ...	8	cu, cr-cu, cr-hz,	6	cu, cr-cu, cr-hz, ...	6	co, cr-hz, nim, ...	7	do. lt-R, ..	8	ny-ovt, ...	7	—	—	89·9	77·5
1	cu, cr-cu, cr-hz,	7	cu, cu-st, cr-cu, cr-hz,	8	ovt, ...	8	ovt, ...	8	ny-ovt, ...	8	cu, cr-hz, nim, ...	7	—	—	93·0	79·3

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard.........around
cd.........clouds or cloudy
cr or, cir...cirri or cirro or cirrous
cu.........cumuli or cumulo
D.........Dew
d.........dense
dis.........distant
dt.........detached
E.........East
fg.........fog
fk.........forked
fl.........flying
fr.........frequent
g.........ground
hy.........heavy
hl.........halo
hor.........horizon
hz.........haze or hazy
ld.........loud
lg.........lightning
lt.........light
mt.........meteor
N.........North
nim.........nimbi
ny.........nearly
ovd.........overhead
ovt.........overcast
pl.........peals
pt.........part or partly or partial
R.........Rain
r-b.........rain-bow
S.........South
sc.........scattered
sh.........sheet
st.........stratus
th.........thunder
thk.........thick
v.........very
vv.........vivid
W.........West

REMARKS ON THE WEATHER FOR THE MONTH OF SEPTEMBER 1852.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	ovt, lt-R, th-SE, ...	8	ovt, ...	8	ovt, lg-S, ...	8	ovt, ...	8	ny-ovt, ...	7	cu, cu-st, cr-cu, ...	7
2	cu, cu-st, cr, cr-hs,	7	cu, cr-st, ...	1	cu, lt-hz, lg-S, ...	1	cu, hs, sh-lg-SE,	3	cu, cr-st, cr-hs,	1	cr, cr st, cr-hs,	5
3	cu, cr, cr-st, hz,...	6	cr, cr-st, hz, ...	2	cu, cu-st, cr-st, hz, ...	6	cu, cr-cu, ...	7	cu, cr-cs, ...	8	cu, cr-cu, hz, ...	7
4	ovt, ...	8	cu, cr-cu, cr-st, d-hz,	4	cu, cu-st, cr-st, hz,	3	cu, cr-cu, cu-st, he,	7	cu, cu-st, cr-he,	6	... ...	...
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cr-he, cr-st,... ...	7
6	cu, cr-hz, ...	3	cu, cu-st, hz,	3	cu, cu-st, hs, ...	4	cu, cr-st, he, sh-lg-SW	8	cu, cr-cu, cr-hs,	5	cu, cr hz, ...	3
7	cu, cu-st, cr-st, hz,	3	cu-st, cr-st, hs, ...	2	cu-st, cr-st, hz, ...	2	cu-st, cr-st, hs, ...	3	do.	4	su, cu-st, cr-hz, ...	5
8	cu, cr-he, cr-st, ...	5	cu-st, cr-st, cr-cu, hs,	4	su-st, cr-st, cr-cu, hs,	7	cu, cr-hs, ...	6	cu, cr-hs, ...	6	cu, cr-cu, cr-he,	2
9	cu, cr, cr-st, cr-hz,	8	ny-ovt, ...	7	ovt, lg-NW, ..	8	ovt, hy-R, fr-viv-lg, th,	8	do. nim, viv-lg-NW,	6	cu, cr-st, cr-hz, ...	2
10	cu, d-hs, ...	8	ovt, ...	8	do. sh-lg, ...	8	do. sh-lg-NW, lt-R,	8	ovt, sh-lg-NW, ...	8	ovt, ...	8
1	ovt, lt-R, ...	8	do.	8	do.	8	ovt, ...	8	do.	8	... ...	...
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-st, d-he, nim,	5
3	do. do.	8	do. sh-lg-W-hor,	8	do.	8	do. fr-viv-lg, th, R,	8	do. fr-viv-lg, th, R,	8	ovt, viv-lg-NE, lt-R.	8
4	ovt, lt-R, th, ...	8	do. sh-lg-N, NW,	8	do. lg-NE, lt-R,	8	do. sh-lg-NE, ...	8	ovt, ...	8	ovt, ...	8
5	cr-cu, cr, cr-st, cu,	4	cu, cr-st, cr-hz. ...	3	cu, cu-st, cr-st, cr-he,	8	cu, cu-st, cr-st, cr-hz,	3	cu, cu-st, cr-he, ...	7	cu, cu-st, cr-hz, nim,	7
6	cr, cr-hs, cu,... ..	4	cu, cr-st, hz, ...	3	cu, so-st, cr-st, he, ...	4	cu, cu-st, cr-hz, ...	7	do.	6	cu, cu-st, he, ...	5
7	cr-cu, cr, cr-st, cr-ht,	6	cu, cr-cu, cr-st, he, ...	4	cu, cu-st, hz, ...	7	ovt, ...	8	ovt, sh-lg-N, ...	8	cy-ovt, ...	7
8	cu, cr-cu, cr, cr-hz, ...	8	cu, cr-st, hs, ...	2	cu, cr-cu, cu-st, ...	7	cu, cu-st, cr-hs, nim,	7	cu, cu-st, cr-hs, nim,	7	... ...	...
9	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, d-cr-hs, ...	4
20	hy-cu, cu-st, cr, cr-hz, nim	7	fl-cu, cu-st, he,	7	hy-cu, cu-st,... ...	7	cu, cr-he, ...	6	cu, cu-st, nim, ...	6	cu, cu-st, cr-cu, cim,	7
1	cr, cr-hz, cu, ...	6	cu, cu-st, cr-st, hs, ...	4	cu, cu-st, hs, ...	7	cu, cu-st, hs,... ...	6	cu, cr-hz, ...	7	cu, cu-st, cr-hz, ...	6
2	sc-cu, cu-st, ...	3	cu, cr-st, cr, ...	1	cu, cu-st, ...	8	ny-clear, ...	0	do.	5	cu, cr-st, cr-hz, ...	9
3	hy-cu-SW-hor,	1	cu, cu-st, ...	2	do.	2	cu, cr-cu, cr-st, ...	3	do.	2	cu, cr-hs, ...	4
4	cu, cu-st, cr-hz, ...	8	cu, cr-st, cr-he,...	2	cr, cr-st, cr-hz, ...	6	cu, cr-st, cr-he,...	4	cr-st, hs, ...	1	cr-st, cr-hs, ...	2
5	cu, cr, cr-he, cu-st,	5	cu-st, cr, ...	2	cu-st, cr-st, ...	3	cu-st, cr-st, ...	1	cu, he, ...	1	... ...	...
6	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	hy-cu, cu st, cr-hs, lg-NE	6
7	cu, cu-st, ...	2	do.	1	ny-clear, ...	0	cu, he, ...	4	do.	6	cu, cr-cu, cr-he, ...	4
8	cu, cr-he, ...	2	do.	2	cu, cu-st, cr, lg-NNW	2	cu, cr-hs,... ...	5	cu, cr-hz, ...	5	cu, cu-st, hz, lg-N W, lt-R	6
9	cu-st, cr-st, ...	1	cu-hor, lg-W-hor, ...	1	cu, cu-st, cr, cr-st, hz, lg-W	4	cu, hs, ...	2	cr-cu, cr-hz, ...	6	cu, cr-cu, cr-he, ...	5
30	cr-st, cu-NW-hor, ...	2	cu, cr-st, sh-lg-NW-hor,	1	ny-clear, ...	0	hz, cu-W-hor, lg-W,	1	cu-hor, ...	1	cu, cu-st, cr-st, ...	8

REMARKS ON THE WEATHER FOR THE MONTH OF OCTOBER 1852.

Date.	NOON	Cloudy sky in 8ths	2	Cloudy sky in 8ths	4	Cloudy sky in 8ths	6	Cloudy sky in 8ths	8	Cloudy sky in 8ths	10	Cloudy sky in 8ths
1	cu, ...	2	cu, cu-st, viv-lg, ..	2	cu-st, cr-st, lg-NW, SW	1	cu, cu-st, cr-st, cr-cu, hs,	3	cu, cr-cu, cr-st, cr-hs,	4	cr-cu, cr-hs, ...	4
2	cu, cu-st, cr-st, ...	2	cu, cu-st-W, NW-hor	1	cu, cu-st, lg-W ...	1	cu, cr-st, hs, ...	2	cu, cr-hs, sh-lg-NE	3	... ...	...
3	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	fl-cu, D	2
4	clear, ...	0	clear,...	0	clear, ...	0	clear, ...	0	clear, D	0	clear, D	0
5	cr-st, cr-he, ...	1	cy-clear,... ...	0	do.	0	cy clear, ...	0	do. D ...	0	do, D	0
6	cu, cr-cu, cr-st, cr-hs,	3	cr, cr-st, he, ...	1	cr-st, hs, ...	2	lt-cu, cr-hs, ...	2	cr-he, cr-st, he, cim-E	5	cr-hs, cr-st, ...	7
7	ovt, lt-R	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8
8	do.	8	do.	8	do, lt-R, sh-lg, ...	8	do.	8	do.	8	do, sh-lg N W ...	8
9	do.	8	do.	8	do.	8	do. R ...	8	do. R	8	... ...	...
10	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt, fr-viv-lg, th, lt-R	8
1	cu, cu-st, cr-hs, ...	2	cr-st, cr-hs, ...	1	clear, ...	0	fl-cu, ...	1	cu, cr-hs, ...	2	cu, cr-he, ...	2
2	cu-hor, ...	1	cu, hs-hor, ...	1	do, sh-lg-W-hor, ...	0	clear, ...	0	clear, ...	0	ny-clear, ...	0
3	cu, cu-st-hor, ...	1	cu-hor, ...	1	cu, cr-st, hz, lg-NW	4	cy-clear, ...	0	do.	0	clear, ...	0
4	do.	1	cy-clear,... ...	0	clear, sh-lg-W-hor, ...	0	clear, D	0	do, lg-NE ...	0	do.	0
5	cr-st, cr-hs, cu, ...	2	do.	0	ny-clear, lg-W ..	0	do. lg-W, D ...	0	do. sh-lg-W, NW, D	0	do, sh-lg-NW, D ...	0
6	cu, cu-st, cr-hz, nim,	4	cr-cu, cu-st, ...	1	cu, cr-st, hs, lg-SE...	3	cu, cr-he, sh-lg-W ..	6	cr-cu, cr-st, lg-W, D	2	... ...	...
7	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cy-ovt, sh-lg, NW, th-W	7
8	cu, cu-st, cr-hs,...	4	cu, cu-st, cr-hs,...	8	cu, cr-hs, ...	8	cu, cr-cu, cr-hs, lg-S, SW	5	ovt, lg-W, hy-R...	8	ovt, lg-N, R... ...	8
9	ny-ovt, ...	7	cy-ovt, lg, nim, ...	7	ovt.	8	ovt, ...	8	ny-ovt, ...	7	do, R	8
20	ovt, R, th, ...	8	ovt, hy-R ...	8	do, R	8	do.	8	ovt, R	8	do, hy-R	8
1	do, R	8	do, lt-R	8	do, lt-R ...	8	do.	8	do, lt-R	8	do.	8
2	cu, cu-st, cr-st, cr-he, nim	7	cu, cr-cu, cr-st, cr-he, lg-S	3	cu, cim, ...	7	cu, cr, cr-he, ...	5	hy-cu, cr-hs, nim,	7	ovt, hy-R, sh-lg-W, N	8
3	cu, cr-st, cr-hs, ...	6	cr, cr-st, cu, cr-hs, hl-☽	4	fl-cu, cr-st, hs, ...	8	cu, cr-st, d-he, ...	8	cu, cu-st, cr-hs, nim,	4	... ...	...
4	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hs, nim, sh-lg-NW	7
5	cu, cu-st, cr-hs, nim-W	4	cu, cr, cr-st, hz, lg-NW	2	lt-cu, ...	2	cu, lg-SW ...	1	fl-cu, hs, lg-N ...	2	cu, cr-hs, nim, lt-R ...	5
6	cu, cr-st, cr-hz, ...	3	cr, cr-st, hz, lg-W ...	2	lt-cu, cr-st, hz, ...	1	cr-st, hz, ...	1	cu, d-cr-hs, D ...	2	cu, hs, D ...	2
7	cu, cu-st, cr-cu, cr-hz,	3	cu, cr-st, cr-he,...	2	lt-cu, cr-st, cr-hz, D	2	cr, cr-st, hz, ...	2	cr, cr-st, cr-hs, D	3	cr, cr-st, cr-he, ...	2
8	cu, cu-st, cr-hs, ...	2	fl-cu, cu-st, cr-st, cr-hz, lg-NW	2	cu, cr-st, hs, lg-W ...	3	lt-cu, cr-st, ...	2	cr, cs-st, ...	1	cr, cr-st D ...	1
9	sc-cu, cr-hs-hor ...	1	fl-cu, hs-hor,... ...	1	fl-cu, ...	1	cu, cu-st, ...	8	cu, cr. D	2	cu-hor, D	1
30	cu, cu-st, cr-cu, cr-hor	5	cu, cr-st, cr-hs, lg-NW	2	cu, cr-st, cr-hz, ...	3	cu, cu-st, cr-hs, ...	5	cu, cr, cr-hs,... ...	5	... ...	...
1	... ...	...	.. ..	...	... ...	...	.. ..	...	... ...	...	hy-cu, cu st, nim, R	8

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard ... around
- cld ... clouds or cloudy
- cr or cir ... cirri or cirrous cirrus
- cu ... cumuli or cumulo
- D ... Dew
- d ... dense
- dis ... distant
- dt ... detached
- E ... East
- fg ... fog
- fk ... forked
- fl ... flying
- fr ... frequent
- g ... ground
- hy ... heavy
- hl ... halo
- hor ... horizon
- hz ... haze or hazy
- ld ... land
- lg ... lightning
- lt ... light
- mt ... meteor
- N ... North
- nim ... nimbi
- ny ... nearly
- ovd ... overhead
- ovt ... overcast
- pa ... pale
- pt ... part or partly or partial
- R ... Rain
- r-b ... rain-bow
- S ... South
- sc ... scattered
- sh ... sheet
- st ... stratus
- th ... thunder
- thl ... thick
- v ... very
- viv ... vivid
- W ... West

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REMARKS ON THE WEATHER FOR THE MONTH OF SEPTEMBER 1852.

	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Thermometers. Radiation. Sol.	Radiation. Ter.	Air. Max.	Air. Min.
1	cu, cr-st, cr-hz,	4	cu, cu-st, cr-hs,	3	cu, cr, cr-hz, ...	6	cu, d-cr, hz, ...	6	cu, cu-st, d-cr-hz, ..	7	fl-cu, cr, cr-hs, ...	7	—	—	93·8	78·3
2	cu, cr-cu, cr-st,	3	cu, cr-cu, cr-st,...	3	cu, cr-cu, cr-hz,	3	cu, cr, d-cr-hz,	6	cu, cr, d-cr-hz,	7	cu, cr-hz, ...	7	—	—	93·7	80·1
3	cu, cu-st, cr-cu,...	7	cu,cu-st,cr-cu,cr-hz	6	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	—	—	94·0	81·4
4	... ...	...	... ...	...	... ...	..	... ...	...	... ...	...	... ...	...	—	—	94·0	81·5
5	cr-hz, cr-st, ...	6	lt-cr-hz, cr-st,	6	lt-cr-hz, cr-st, ...	5	cr, cr-st, cr-hz, cu,	6	cu,hz, ...	2	cu,hz, ...	8	—	—	95·6	80·0
6	cu, cr-cu, ...	2	cu, cr-cu, ...	1	sc-cu, ...	3	hy-cu, fl-cu, ...	4	cu, cu-st, cr-hz,	4	cu, cu-st, cr-st, hz,	8	—	—	93·2	81·8
7	cu, cu-st, cr-hs,	3	cu, cr-hz,nim,	6	cu, cr-cu, cr-hs,	5	cu,ur-cu, cr, cr-hz,	7	ovt, lt-R, ...	6	fl-cu, cr, cr-st, ...	4	—	—	93·4	81·7
8	cu, ur-cu, cr-hz,	4	cu,cu-st,cr-hz, nim	7	ovt, R, ...	8	cu, cr-cu, cr, ...	8	hy-cu, cr-cu, ...	8	cu, cr, cr-st, cr-hz,	7	—	—	90·8	79·6
9	cu, cu-st, cr-hz,	2	cr, cr-hs, cr-st,...	5	cu, cu-st, cr-hz,	5	fl-cu, cr, ...	7	do. ...	8	cu, d-hs, ...	8	—	—	90·6	77·1
10	ovt, ..	8	ovt, hy-R,...	8	ovt, ...	8	do.	7	cu, cr-cu, cr-st, ...	6	hy-cu. nim, hy-R,	8	—	—	89·3	77·5
1	... ...	...	... ...	...	... ...	..	... ...	..	... ...	...	... .	..	—	—	92·8	77·2
2	cu, cr-st, cr-hz,	4	cu,cu st,cr-cu,cr-hz	6	cr-cu, cr-hz,	6	cu, cr-cu, cr-hz,	7	cu,cu-st,nim,hy-R,	8	ovt, th-NW, R,	8	—	—	89·8	77·8
3	ovt, ...	8	ovt, ...	8	ovt, ...	8	cr, cr-st, cr-hz, ...	6	hy-cu, cr, lt-nim, ...	8	cu, cu-st, cr, ...	3	—	—	91·1	77·0
4	do. ...	8	do. ...	8	cr-hs, cr, cr-cu,	7	cr-hs, cr, cr-cu,	6	cu,cr-cu,cr,cr-st,	4	cu, cr-cu, cr, cr-st,	6	—	—	91·6	78·3
5	cu, cu-st, hs, nim,	8	do.	8	cu,cr-cu,cr.st,cr-hz,	7	cr-cu,cr,cr-hs, bl-⊙	6	cr-cu,cr,cr-st, cr-hz,	6	cr, cr-hz, cu, ...	5	—	—	91·8	79·2
6	cu,cu-st,cr-hz,nim,	4	cu,cu-st,cr-cu,cr-hs	6	cr-cu, cu, cr-hs, ...	7	cr-cu, cr, cr-hz, ...	7	cr, cr-hs, cu, ...	5	do. ...	6	—	—	94·0	79·5
7	do.	6	cr-cu,cr-hs, nim,	8	cu, cr-cu, d-cr-hs,	8	cu, cr, d-cr-hz,	7	cu, cr, d-cr-hs,	8	cu, cr-cu, cr, cr-hz,	7	—	—	92·6	79·6
8	... ...	...	... ...	...	... ...	..	... ...	...	.. ..	...	... ...	...	—	—	93·2	78·9
9	cu, cr-st, cr-hz,...	8	cu, cr-cu, cr-hz,	7	cr-cu,cr-st,cr-hz,	5	cr, cr-st, cr-hs,	6	cr, cr-st,cr-hz, cu,	6	cu, cu-st, cr, cr-hz,	6	—	—	93·8	80·1
20	cu,cu st,cr-hz, nim,	6	cu,cu-st,cr-cu,cr-hz	7	cr-cu, cr, cr-hs, ...	5	cr-cu, cr-hs, ...	6	cu, cr, d-cr-hz, ...	7	cu, cu-st, d-cr-hz,...	7	—	—	93·7	81·6
1	ur-cu, cr-hz, ...	2	cu, cr-st, hz, ...	2	cr-st, cu, ...	1	ny-clear, ...	0	cu, cr, ...	1	sc-cu, cu-st, ...	2	—	—	93·7	80·2
2	cu, cr-hz, ...	2	cu,cr-cu, cr-hz,	3	ny-clear, ...	0	cu, cr-st, hs, ...	1	sc-cu, cu-st, ..	2	do.	4	—	—	94·2	80·7
3	do.	2	cr-st,cr-hz-hor,...	1	cr-st, cr-hz,...	1	cr, cr-st,cr-hz,cr-cu,	4	cr, cr-hz, cr-st,	7	cu, cr,cr-hs,	6	—	—	95·0	80·8
4	cr-st, cr-hs,	1	cr-cu,cr-st, cr-hs,	4	cr-st, cr-hz, cr, ..	5	cr, cr-st, d-cr-hz,...	8	cr, cr-st, d-cr-hz,...	8	cr, cr-st, d-cr-hs,cu,	7	—	—	95·5	80·6
5	.. ..	..	... ...	...	... ...	...	... ...	...	... ...	...	... ...	.	—	—	95·6	80·4
6	cu, cr-st, cr-hz, ..	4	do. ...	2	cr-cu, cr-st, cr-hz,	3	cr, cr-st, ...	2	cu, cr, ...	2	cu, cu-st, ...	2	—	—	94·3	81·1
7	cr-cu, cr-hz,...	3	cu, cr-st-hor, ...	1	ny-clear, ..	0	sc-cu, ...	2	hy-cu, cu-st,	4	cu, cr-hz, ..	2	—	—	92·6	81·7
8	cu,cu-st,nim,[illegible]	7	cu,cu-st,cr-st, nim,	5	cu, cr-hs. nim, ...	7	cu, cu-st, ..	7	cu, cu-st, ...	2	cu-hor, cr-st,	2	—	—	91·4	77·3
9	cu,cu-st,cr-hs (R,NW,lt-R,	4	cr-cu, cr-st, cu,	8	cr-cu, cr-hz, ...	2	cr-cu, cr-st, ...	2	do. ...	2	cu, cr-st, ...	2	—	—	90·2	78·5
30	do. lg-N-W, ...	3	cu, cu-st, cr-hz,	8	fl-cu, ...	2	fl-cu, cu-st, nim,...	4	do.	8	cu, cu-st, ...	2	—	—	91·9	80·1

REMARKS ON THE WEATHER FOR THE MONTH OF OCTOBER 1852.

	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Thermometers. Radiation. Sol.	Radiation. Ter.	Air. Max.	Air. Min.
1	cr-cu, cr-hz, ...	3	cr-cu, cr-hz, ...	1	cu, cr-st, ...	1	fl-cu, ...	2	cu, cu-st, ...	2	cu, cu-st, ...	2	—	—	91·8	80·3
2	... ...	...	... ...	...	... ...	..	... ...	...	... ...	..	... ...	...	—	—	91·0	78·9
3	clear, D, ...	0	cr-st, cr-hz, ...	1	sc-cu, cu-st, ...	3	cu, cu-st, ...	2	sc-cu, cu-st, ...	1	sc-cu, cu-st, ...	1	—	—	89·6	78·0
4	do. D, ...	0	cu, ur, ...	1	sc-cu, ...	1	ny-clear, ...	0	sc-cu, cr-hz,	1	sc-cu, cr-hz, ...	2	—	—	88·8	76·4
5	do. D, ...	0	cu-st, cr-st, ...	2	fl-cu, cu-st, nim, ...	3	fl-cu,cu-st,cr-hs,nim-S,W	4	fl-cu, cu-st, cr-hz,	8	fl-cu, cu-st, cr-hs,	2	—	—	90·2	77·3
6	d-cr-hs, cr-st,	7	ny-ovt, ...	8	ny-ovt, ...	8	ovt, ...	8	ovt, R, ...	8	ovt, ...	8	—	—	86·5	78·9
7	ovt, ...	8	ovt, R, ...	8	ovt, R, ...	8	do, R, ...	8	ovt, hy-R, ...	8	do, R, ...	8	—	—	82·3	74·4
8	do, R, ...	8	do. ...	8	do, lt-R, ...	8	do, R, ...	8	ovt, lt-R, ...	8	do.	8	—	—	79·5	75·5
9	... ...	..	... ...	..	... ...	...	... ..	..	... ...	...	... ..	..	—	—	85·5	74·2
10	ny-ovt, ...	7	cu,cr-hr, cr-s,	7	cr, cr-hz, cr-st,	3	cu, cr-cu,cr-st,cr-hs	4	cu,cu-st,cr-st,cr-hz,	5	cu, cu-st, cr-hz, ...	3	—	—	88·0	77·6
1	cu, cr-hz, ...	2	cu, cr-st, ...	2	cu, cu-st, ...	2	sc-cu, cu-st, ...	3	sc-cu, cu-sl, ..	2	cu-hor, ...	1	—	—	88·6	78·6
2	cu, cr-hz-hor,	2	ny-clear, ...	0	cu, hs, ...	1	do. ...	2	cu, cu-st, ...	2	cu, cu-st-hor, ...	2	125·2	—	88·0	78·2
3	fl-cu, D, ...	1	cu, cr-hz,D ...	2	cu, cu-st, cr,	2	cu, cu-st, nim, ...	2	cu, cu-st, nim, ...	4	cu, cu-st, ...	2	139·0	—	89·0	78·8
4	clear, ...	0	cr-st, cr-hs,	3	cu, cr, cr-st, hz, ...	2	cr, cr-st, cu,	2	sc-cu,cr-st, cr-hz,	2	sc-cu, cr-st, cr-hz,	3	147·5	73·7	90·5	78·4
5	do. sh-lg-NW,D	0	cu, cr-hs, ..	1	cu, cr-hs, ...	2	cu,cu-st,cr-cu,cr-hz,	3	hy-cu,cu-st,cr-hs,nim	5	cu,cu-st, cr-hz, nim,	5	136·1	75·1	91·7	80·1
6	... .	...	... ...	...	... ...	...	.. ...	...	... .	...	... ...	...	135·0	74·9	91·6	78·2
7	cu,nim,fr-sh-lg-W,NW	3	cu, cr-hz, ..	2	do. ...	2	sc-cu, cu-st, cr-hs...	5	fl-cu,cu-st,cr-hs,nim	5	cu, cu-st, cr-hs, ...	3	129·3	R	86·7	75·7
8	ovt, th,lg, R, ...	8	do, nim,	7	ny-ovt, ...	8	ovt,lt-R, ...	8	ovt, th-NW, ...	8	ovt, lt-R, ...	8	ovt.	76·6	81·9	78·4
9	ny-ovt, ...	7	do. do. ...	7	cu, cr-hz, nim,	7	cu, cu-st, cr-hz,nim,	7	cu, cu,st, cr-hs,nim,	7	ovt.	8	do.	72·6	86·3	77·9
20	ovt, hy-R, ...	8	ovt, hy-R, ...	8	ovt, hy-R, ...	8	ovt, hy-R, ...	8	ovt, R, ...	8	do, R, ...	8	R	R	76·8	71·3
1	cu, cr-hz, nim th.	5	cu, cr-hz, ...	6	cu, cr, ...	7	cu, cr-st, cr-hz,	4	cu,cu-st,cr-st,cr-hz,	5	cu,cu-st,cr-st,cr-hz,nim	6	R	R	86·9	73·0
2	ovt,lt-R,sh-lg-S, N,do.	8	ovt, ...	8	cr, cr-st,d-cr-hz, cu,	6	cr,cr-st, d-cr-hs, cu,	5	cu, cu-st, cr-hz, . .	4	cu, cr-st, cr-hz, ..	3	116·5	R	87·1	76·7
3	... ...	...	... .	..	.. ..	..	... ...	..	... ...	.	... ...	...	—	—	87·0	78·5
4	ovt,... ...	8	cu, cu-st,cr-hz,nim	7	cu, d-cr-hz, nim,	7	cu, cr-hs, nim,	7	cu, cu-st,cr-cu,cr-hz	5	cu, cu-st, cr-cu,cr-hz	4	117·6	75·9	88·3	78·6
5	cu,cr-hz, ...	2	cr, cr-st, hz, ...	4	cu, cr, cr-st, ...	4	cu, cr-hz, cr-st, ...	8	cu, cu-st, cr-hz, ...	4	cu, cu-st, cr-hz, ...	3	128·5	73·4	88·6	77·2
6	cu, hs, D,	1	cu,cr-hz, ...	2	fl-cu, hz, ...	3	sc-cu, cu-st,	2	sc-cu, cu-st,...	2	do. do.	2	121·0	72·6	87·8	77·5
7	fl-cu, D, ...	1	do.	2	fl-c, cr, nim, ...	5	fl-cu,cu-st,cr-hz,nim	4	cu, cu-st, cr-hz, ...	3	do. do. ...	2	129·7	74·1	87·0	77·7
8	cr-hz, cr-st, D,	2	cu, cr, cr-hz,	3	cu, cu-st, cr-hs,	4	cu, cu-st, cr-hz, ..	3	do. ...	2	do. do.	2	137·2	71·[illegible]	86·9	76·8
9	clear, D ..	0	cu, cr-hs, ...	2	fl-cu, cr, ...	4	fl-cu, cu-st, cr-st,	4	fl-cu, cu-st, cr-st, ...	3	cu,cu-st,cr-cu,cr-hz,	4	133·5	73·1	86·7	77·4
30	... ...	..	... ...	..	... ...	...	... ...	...	... ...	..	... ...	.	R	R	82·8	omit.
1	cu,cr-hz, ...	5	cu,cu st,cr-hs,nim,	5	cu,cu-st,cr-hz,nim,	5	cu, cr-hs, nim,	7	cu. cr-hz, nim, .	8	cu, cr-hz, nim. lt-R,	8	ovt	73·5	80·4	76·5

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard........around
- cld........clouds or cloudy
- cr cr, cir....cirri or cirro or cirrous
- cu........cumuli or cumulo
- D........Dew
- d........dense
- dis........distant
- dt........detached
- E........East
- fg........fog
- fk........forked
- fl........flying
- fr........frequent
- g........ground
- hy........heavy
- hl........halo
- hor........horizon
- hz........haze or hazy
- ld........loud
- lg........lightning
- lt........light
- mt........meteor
- N........North
- nim........nimbi
- ny........nearly
- ovd........overhead
- ovt........overcast
- ps........peals
- pt........part or partly or partial
- R........Rain
- r-b........rain-bow
- S........South
- sc........scattered
- sh........sheet
- st........stratus
- th........thunder
- thi........thick
- v........very
- vr........vivid
- W........West

REMARKS ON THE WEATHER FOR THE MONTH OF NOVEMBER 1852.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	cu, cr-hz, cim, lt-R,...	8	fl-cu, cu-st, nim, ..	7	cu, hz, ...	4	cu, cu-st, cr-hr, ...	4	cu, cu-st, cr-ht, ...	6	cu, cr-cu, D, ...	[illegible]
2	fl-cu, nim, ...	3	fl-cu, cr-st, cr, ..	2	fl-cu, cu-st, ...	1	fl-cu, cu-st, ...	3	co, cu-st, hz, ...	4	cu, cu-st, hz, ...	[illegible]
3	co, cr-hz, nim, ..	5	do.	2	do.	2	cu, cu-st, cr-hz, ..	4	cu, cu-st, cr-cu, hz, ..	5	cu, cu-st, cr, cr-hz, nim	[illegible]
4	cu, cu-st, cr, cr-st, nim,	6	cu, cr-st, ...	2	fl-cu, cu-st, ...	3	cu, cu-st, ...	4	hy-cu, cu-st, cr-hr, nim,	4	ovt, lt-R, ...	[illegible]
5	ovt, ...	8	ovt, R, ...	8	ovt, lt-R.	8	ny-ovt, ...	7	ovt, R, ...	8	do. ...	[illegible]
6	do., R, ...	8	hy-cu, nim, ...	5	hy-cu, nim, ...	5	cu, cr-cu, cr-hz,	2	co, cu-st, cr-hz,	3	... ...	[illegible]
7	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz, nim,...	[illegible]
8	fl-cu, hz, ...	2	ny-clear, ...	0	ny-clear, ...	0	ny-clear, ...	0	cr-cu, cr-hz, ...	1	ny-clear, ...	0
9	cr, cr-st, hz, ...	2	cu, cr-st, ...	1	clear, ...	0	do. ...	0	lt-cr-hz, ...	1	do. D, ...	0
10	cu, cr-cu, cr-hz,	4	cu, cr-cu, cr-hz,	0	ny-ovt, ...	7	ovt, ...	8	ovt, ...	8	cu, cr-hz... ...	4
1	cu, cr-co, cr-st, ..	4	cu, cr-st, sh-lg-NE,...	1	cu, cu-st, ...	3	cu, cu-st, ...	2	cu, cr-cu, cr-hz, ...	4	cu, co-st, hz, lt-R, ...	6
2	cu, cu-st, nim, lt-R, r-b-E	4	cu, cr, nim, ...	4	cu, co-st, nim, ...	3	cu. cr-cu, cr-hz,	4	cu, co-st, hz, nim,	7	cu, co-st, hz, nim,	6
3	cu, cr-hz, nim, lt-R,	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	... ...	...
4	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	co, cr-st ..	3
5	cu, cr-hz, cr-st,...	4	cu, cr-st, ...	2	cu, cu-st, hz, ...	2	co, hz, ...	2	cr, cr-hz, D. ...	1	cr-hz, cr-st, D, ...	2
6	cu, cr-hz, ...	3	cu, hz, ...	6	ovt, R, ...	8	ovt, lt-R, ...	8	cu, cu-st, cr-hz, nim,	6	ny-ovt, ...	7
7	cu, cu-st, nim, ...	4	ny-ovt, R, ...	7	cu, cu-st, cim, ...	5	cu, cu-st, cr-hz,	3	cu, cu-st, cr-hz, oim,	6	cu, cr-hz, ...	4
8	cu, cr-hz, ...	7	ovt, lt-R,... ...	8	ovt, lt-R, ...	8	do.	3	ny-ovt, ...	7	cu, cr-st, cr-hz,...	5
9	cu, cr-hz, nim....	8	cu, cr-st, d-hz, hl-☽, lg-S,	6	cu, cr-st, cr-hz,...	4	cu, cr-st, d-cr-hz, lg-SE	5	cu, cu-st, cr-hz, oim,...	6	co, cu-st, d-hz, ...	3
20	cr-hz, cr, cr-st, ...	5	fl-cu, cr-hz, cr-st, hl-☽ ...	2	fl-cu, cr-st, cr-hr, ...	4	fl-cu, cr-st, cr-hz, ...	4	cu, cu-st, d-hz, D,	4	... ...	...
1	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz, D, ...	2
2	fl-cu, hz, ...	2	fl-cu, cr-st, hz, hl-☽	2	cu, cu-st, cr-st, hz,	3	cu, cu-st, cr-st, hz, ...	3	cu, cr-cu, cr-hz,	4	cr-st, cr-hz, D, ...	2
3	cu, cr-co, cr-hz, ...	7	cu, d-hz, ...	6	cu, cr-cu, hz, ...	5	cr-cu, cu, cr-hz,	4	cu, cu-st, cr-hz, ...	5	cu, cu-st, cr, cr-hz,	7
4	fl-cu, cr-st, hz,...	3	co, cr-st, ...	1	cu, cu-st, ...	2	cu. cu-st, hz, ...	2	do. ...	4	cu, cr, cr-hz, D, ...	3
5	cu, cr-st, hz, ...	3	fl-cu, cr-st, hz, ...	2	fl-cu, cu-st, hz, ...	5	fl-cu, cr-cu, cr-hz, ...	4	do.	4	cu, cr, ...	2
6	cu, d-hz, ...	8	cu, d-hz, nim, ...	8	ovt, ...	8	ovt, ...	8	ovt, lt R, ...	8	cu, cu-st, cr-hz, ...	6
7	cu, cr-hz, nim, ...	8	cu. cr-hz, nim, ...	8	cu, cr-co, hz, ...	6	hy-cu, nim, ...	8	hy-cu, nim, ...	8	... .	...
8	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-cu, cr-hz,	7
9	co, cr-hz, nim, ...	7	cu, cu-st, cr-st, hz, nim,	6	ovt, ...	8	ovt, lt-R, ...	8	ovt, lt-R, ...	8	ovt, R, ...	8
30	do. do. ..	8	ovt, lt-R, ...	8	cu, cr-hz, nim, lg-S...	7	do.	8	do, hy-R, ...	8	do, hy-R, th,	8

REMARKS ON THE WEATHER FOR THE MONTH OF DECEMBER 1852.

Date.	NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	ovt, hy-R, ...	8	ovt, R, ...	8	ovt, lg-NW, SE, th-SE,	8	ovt, fr-viv-lg, th, R,...	8	ovt, viv-lg-E, R, ...	8	ovt, ...	8
2	do. R, ...	8	do. lt-R, ...	8	cu, cr-hr, nim, ...	5	cu, cr-hr, nim,...	7	do. ...	8	do. lt-R, ...	8
3	d-cr-hz, cr-st, ...	7	do.	8	ovt, ...	8	ovt, ...	8	do, sh-lg-N W, ...	8	ny-ovt, ...	7
4	cu, cr-cu, cr, cr-hz,	5	cu, cu-st, cr-hz, ...	3	cu, cr-st, d-hz, ...	3	cy-ovt, ...	7	cu, cr-hr, ...	4	... ...	...
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	co, cu-st, cr-hz, ...	5
6	co, cr-cu, cr-st, ...	3	cu, cu-st. ...	1	cu, cu-st, nim, ...	5	cu, nim, ...	2	co, nim, ...	3	cu, cr-hz, ...	2
7	cu, cr-cu. cr-hz,...	4	cu, cr-hz, ...	2	cu, d-hz, ...	3	cu, cr-st, hz, ...	3	cu, hz, ...	2	do.	2
8	cu, cr, cr-st,... ...	2	cu, hz, ...	1	fl-co, hz, ...	1	fl-cu, hz, ...	2	cu, nim, ...	2	do. ...	1
9	cr-st, cr-hr, ...	2	cr-st, cr-hz, ...	1	cu-st, hz, ...	1	ny-clear, ...	0	clear, D, ...	0	cr-st, cr-hz, D, ...	1
10	cu, cr-co, d-cr-hz, ..	7	cu, cu-st, cr-hz,	5	fl-cu, nim,... ...	3	fl-cu, cr-st, ...	2	cu-hor, ...	1	clear, D, ...	0
1	cu, nim, ...	4	ny-clear, ...	0	cu, cr-st, ...	1	cu, cr-st, ...	1	cu, cr-st, ...	1	... ...	...
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, co-st, cr-hz,	3
3	ovt, lt-R, ...	8	ovt, ...	8	ovt, lt-R, ...	8	ovt,... ...	8	fl-cu, ...	2	cu, cu-st, ...	3
4	cu, cr, cr-hz,... ...	7	cu, d-cr-hr, ...	8	cu, d-hz, ...	6	fl-cu, cr-hz, nim, ...	6	cu, cu-st, cr-hz,	6	cu, cr-hz, ...	3
5	cu, cr-cu, cr-hz, nim,	7	cu, cr-cu, cr-hz, nim,	7	fl-cu, cr-st, hz,...	2	ny-clear, D, ...	0	cu, cr-hz.	4	cu, d-cr-hz, ...	5
6	cu, cr-cu. d-cr-hz, ...	5	cu, cr-cu, cr, cr-hz, ...	3	cu, cr-cu, cr-st, d-hr,	4	cu. cr-hz, nim, ...	7	cu, hz, ...	2	cu, cr-hz, ..	3
7	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, lt-R, ...	8
8	do.	8	do.	8	do.	8	do.	8	do.	8	... ...	...
9	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	do. lt-R, ...	8
20	cu, cr-cu, ...	5	cu, ...	1	cu, ...	1	fl-cu, cr, ...	2	fl-cu, hz, ...	1	cu, hz, ...	1
1	clear, ...	0	clear,... ...	0	do.	1	clear, ...	0	clear, ...	0	cu, cu-st, cr-hz, ...	3
2	sc-cu, ...	1	cu, cu-st, ...	1	cu, cu-st, cr-st,	2	cu, cu-st, cr-st, hz, ...	6	cu-hor, D, ...	2	do. lt-R, ...	4
3	cu, cr hz, ...	8	ovt, ...	8	cu, cr-cu, ...	6	cu, cr, cr-st, ...	1	cu, cr-hz, ...	3	cu, cu-st, cr-hz, nim,	4
4	cu, cr-cu, ...	6	cu, cr, cr-hz, ...	2	cu, cr-cu, cr-st,	5	cu, cu-st, cr-cu, cr-st, hz,	5	cr-cu, cu, cr-hz,	4	cr-cu, cr-st, cr-hz, ...	4
5	ou, cr-hz, cim, ...	4	cu, cr-st, hz, ...	2	cu, cr-st, hz, hl-☽ ...	2	fl-cu, cr-st, hz, ...	2	cu, cr-st, cr-hz, ...	4	... ...	...
6	... ...	...	... ...	...	.. .	...	... ...	...	... ...	...	cu, hz, ...	1
7	cu, cu-st, cr-hz,...	4	fl-cu. nim, ...	4	fl-cu hz, oim, ...	4	cu, hz, ...	3	cu, cu-st, ...	6	cu, cr-hz, ...	6
8	cu, cr, cr-hz, ...	4	cu, d-hz.	5	cu, d-hz, ...	6	cu, d-hz, ...	7	cr, cr-hz, D, ...	8	cr, cr-hz, D, ...	6
9	cr-cu, cr-st, d-cr-hz,	7	cu, cr-hz, ...	1	cu-st, cr-hz, ...	2	cu-st, cr-hz, ...	2	clear, ...	0	clear,... ...	0
30	sc-cu...	1	clear, ...	0	ny-clear, ...	0	ny-clear, ...	0	fl-co,... ...	2	fl-cu, ...	2
1	do.	1	fl-cu,.. ...	1	cu, hz, ...	2	cu. cr-bz, ...	1	clear, D, ...	0	cu, D, ...	1

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard ......around
- cld ......clouds or cloudy
- cr or cir...cirri or cirro or cirrous
- cu ......cumuli or cumulo
- D ......Dew
- d ......dense
- dis ......distant
- dt ......detached
- E ......East
- fg ......fog
- fk ......forked
- fl ......flying
- fr ......frequent
- g ......ground
- hy ......heavy
- hl ......halo
- hor ......horizon
- hz ......haze or hazy
- ld ......loud
- lg ......lightning
- lt ......light
- mt ......meteor
- N ......North
- nim ......nimbi
- ny ......nearly
- ovd ......overhead
- ovt ......overcast
- ps ......peals
- pt ......part or partly or partial
- R ......Rain
- r-b ......rainbow
- S ......South
- sc ......scattered
- sh ......sheet
- st ......stratus
- th ......thunder
- thi ......thick
- v ......very
- viv ......vivid
- W ......West

REMARKS ON THE WEATHER FOR THE MONTH OF NOVEMBER 1852.

Day	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Thermometers. Radiation. Sol.	Radiation. Ter.	Air Max.	Air Min.
1	cu,cr,D, ...	3	cu, cu-st,cr-hz,nim	4	cu,cu-st,hz, ...	2	cu,cu-st, ...	2	8-cu,hz, ...	3	fl-cu,hz, ...	2	127·5	75·2	86·6	78·2
2	fl-cu,ltD, ...	3	sc-cu, cr-st, ...	5	sc,cu-st,nim ...	4	cu,cu-st,hz, ...	3	cu,cu-st,cr-hz,nim,	5	cu,cr-hz, ...	4	131·0	22·0	86·4	72·1
3	ovt, hy R, ...	8	ovt, ...	8	ovt,hy-R, ...	8	hy-cu, ...	8	hy-cu, ...	7	cu,cu-st,cr,cr-st,nim	5	109·5	75·2	84·1	75·1
4	ovt,R, ...	8	do. ...	8	cu,cr-cu,cr-st ...	6	cu,cr-hz,nim, ...	7	cu,cr-hz,nim, ...	7	cu,cr-hz,nim, ...	7	165·3	72·7	86·2	75·0
5	ny-ovt, ...	7	do. ...	8	cu,cu-st,cr-st,hz,nim	5	do. ...	7	do. ...	7	ovt,R, ...	8	126·5	75·5	84·7	75·1
6	...	...	...	...	...	...	...	...	...	...	...	...	ovt	71·7	79·8	75·0
7	cu,cr, ...	4	cu, cu-st,cr, ...	5	cu,cu-st,cr-hz ...	3	fl-cu,nim, ...	3	cu,cu-st,nim,lt-R, ...	4	cu,cu-st, ...	3	125·5	71·5	84·5	74·9
8	cu,cr-hz,D, ...	2	cu, cr-hz, ...	1	ny-clear ...	0	fl-cu, ...	2	fl-cu,hz, ...	2	cu,cu-st,hz, ...	2	121·5	72·0	85·9	74·9
9	ny-clear, D, ...	0	cu,cu-st,cr-hz,	4	cu,cr-cu,cr-hz ...	4	cu,cr-hz, ...	1	cu,hz, ...	3	8-cu,cu-st,nim,	3	125·3	72·3	82·5	74·1
10	cr-cu, cr-hz,	2	cu-hor, ...	1	ny-clear, ...	0	cu,cr,cr-st, ...	2	cr-cu,cr-st,cu,	2	cr-cu,cr-st,cu, ...	3	124·6	72·1	25·0	76·3
11	cu,cu-st,cr-hz,nim	4	ovt,lt-R ...	8	cu,cr-cu,hz, ...	6	cu,cu-st,cr-hz, ...	5	cu, hz, ...	3	cu,cu-st,nim, ...	4	119·5	72·9	86·6	76·6
12	ovt, R, ...	8	do. ...	8	ovt, ...	8	ovt, ...	8	cu, cr-hz, nim,	8	cu,cr-hz,nim,lt-R, ...	8	117·5	74·0	61·6	76·9
13	...	...	...	...	...	...	...	...	...	...	...	...	106·5	72·4	21·6	75·0
14	cu, cr-hz D, ...	3	cu,cu-st-hor,	2	cu,cu-st,cr-cu, ...	4	cu,cr-hz,nim, ...	5	cu,cr-hz,cr-st, ...	4	cu,cr-hz,cr-st, ...	4	124·3	71·2	84·5	77·1
15	ny-clear,D, ...	0	cu,cr-st, ...	2	cr,cr-hz,cu, ...	2	cu,cr-st, ...	2	cu, cr-hz, nim, ...	6	cu,cr-hz,nim, ...	2	156·2	69·4	83·6	72·7
16	cu,cr-hz,D, ...	3	cu, cu-st, cr-st,	4	cu,cu-st,cr-hz,nim,	4	cu,cr-hz,nim, ...	6	cu, cu-st, nim,	6	ny-ovt,R, ...	7	123·5	71·9	64·1	74·7
17	do. nim ...	3	cu,cu-st,cr-hz,nim	7	ovt,R, ...	8	cu,cu-st,cr-hz,nim,	7	do. R, ...	8	cu,cu-st,nim, ...	7	107·0	73·9	61·7	77·2
18	ny-ovt, ...	7	hy-cu,cr ...	8	do. ...	8	ovt, R, ...	8	ovt,lt-R, ...	8	cu,cr-hz,nim, ...	7	99·5	74·5	25·1	77·8
19	cu,cr-hz,D,...	2	cu,cu-st,cr-hz ...	5	cu,cu-st,cr-hz ...	8	cu,cr-st, ...	4	cr,cr-hz,cr-st,...	8	cu,cu-st,cr-st,...	2	130·5	52·6	83·2	75·4
20	...	...	...	...	...	...	...	...	...	...	...	...	164·7	62·4	83·5	75·2
21	do. D, ...	3	cu,cr-cu,cr-hz, ...	4	cr-cu,cr-st,cr-hz ...	3	cu,cu-st,hz, ...	4	cu-cr, ...	3	cu,hz, ...	2	156·5	65·2	84·0	72·9
22	cu,cr-hz,D, ...	3	cu, cu-st,cr hz	6	cu,cu-st,cr-hz...	6	cu,cu-st,cr-hz, ...	6	cu,cr,cr-hz, ...	4	cu,cr-hz, ...	6	123·5	67·5	84·2	74·4
23	do. D, ...	3	cu,cr-hz,cr-st,nim	7	do. nim. ...	7	cu,cr-hz,cr-st,...	5	cu, cr-hz,cr st, ...	[illegible]	cu,cr-hz,cr-st,...	3	122·5	66·7	84·1	74·2
24	do. D, ...	3	cu,cu-st,cr-hz,nim	5	cu,cr-cu-hor, ...	2	cu,cu-st,cr-hz, ...	2	cu,cr-cu,cr-hz,	[illegible]	cu,cu-st,nim, ...	3	127·5	66·4	83·7	76·1
25	cu,cr-st, ...	2	sc-cu,cr-hz, ...	2	cu,cu-st,cr-hz,nim,	4	d-cr-cu,cr-hz, ...	7	cr-cu,cr-hz, ...	[illegible]	cr-cu,cr-hz, ...	7	123·5	82·2	84·5	76·6
26	cr-st,cr-hz, D, ...	4	cu,cu-st,cr-hz,nim	7	do. ...	5	cu,cu-st,nim, ...	7	hy-cu,cu, ...	7	cu,cr,hz,nim,	7	115·5	71·1	88·3	74·1
27	...	...	...	...	...	...	...	...	...	...	...	...	112·5	70·9	83·1	74·0
28	cr-cu,cr-st, cr-hz,	4	cu,cu-st,cr-hz,nim	7	cu,cu-st,cr-hz,nim,	7	cu,cu-st,cr hz,nim,	6	cu, cr-hz, nim, ...	[illegible]	ovt, ...	2	155·5	75·7	55·4	77·0
29	ovt, R,...	8	ovt,lt-R, ...	8	ny-ovt ...	8	ovt,R, ...	8	cu,cr-cu,d-cr-hz,	[illegible]	cu,cr-hz,nim, ...	8	115·5	72·2	83·5	74·8
30	do. ...	8	cu,cr-hz,nim,	7	cu,cr-hz,nim ...	7	cu,cr-cu,cr-hz,	6	cu,cr-cu,nim, ...	[illegible]	ovt,R, ...	6	125·9	72·9	83·1	74·6

REMARKS ON THE WEATHER FOR THE MONTH OF DECEMBER 1852.

Day	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Radiation. Sol.	Radiation. Ter.	Air Max.	Air Min.
1	ovt,lt-R, ...	8	ovt, ...	8	ovt, th, ...	8	ovt, R, ...	8	ovt, lt-R, ...	8	ovt, ...	8	ovt	72·7	76·2	74·5
2	cu cu-st,d-hz,nim	6	d-cr-hz,cr-st,	7	d-cr hz, cr-st, ...	6	d-cr-hz, cr-st, ...	6	cr-cu,cr-st, cr-hz,...	6	d-cr-hz, cr-st,...	7	122·2	71·2	80·6	72·9
3	ovt, ...	8	d-cr-hz,cr-st,cu,	6	cr-cu, cr-hz, ...	5	cu, cr-cu, cr hz,	6	d-cu, cr-hz, cu,...	7	d-cu, cr-hz, cu, ...	7	128·5	71·1	82·2	74·4
4	...	...	...	...	...	...	...	...	...	...	...	...	ovt	71·9	82·3	76·1
5	ny-ovt, R, ...	7	ovt,R, ...	8	cu, cr, cr-hz, ...	2	cu, cr-cu, cr-hz,	2	cu, cr-hz, ...	5	cu, cr-hz, ...	5	111·7	72·4	84·7	73·4
6	cu, cr-hz, ...	2	cu,cu-st,cr-hz, ...	3	cu, cr-st, hz, ...	2	cu, cu-st, cr-hz, ...	3	cu, cu-st, cr,...	2	cu, cu-st, cr, ...	4	122·1	70·9	85·8	76·2
7	cu,cu-st,cr-hz,nim	4	sc cu,cr-hz,	2	cu, cu-st, nim, ...	2	fl-cu, hz, ...	2	cu, cr-cu, cr-hz,...	4	cr-cu, cr, cr-st, ...	3	121·5	72·0	84·6	77·2
8	cr,cr-hz,cu,D, ...	1	cu,cu-st, cr-st, ...	2	cu, cr-cu, cr-hz, ...	2	cu, cu-st, cr-cu, ...	2	cu, cr, cr-hz,...	3	cr-cu, cr-st, cu,	3	159·3	missed	83·6	74·9
9	cu,cu-st,cr-hz,	4	cr-cu,cr-hz,cu,	7	cu, cr-hz, ...	8	cu, cu-st, cr-hz,	7	cu, cu-st, cr-hz,	6	cu,cu-st,cr-cu,cr-hz,	5	124·7	69·9	83·7	75·2
10	cr,cr-hz,D ...	1	cu hor, ...	1	cu, cu-st, cr-hz, nim,	7	cu, cu-st, cr-hz, ..	5	2-cu, nim, ...	4	cu, cr-hz, ...	4	125·5	70·0	83·9	76·9
11	...	...	...	...	...	...	...	...	...	...	...	...	126·0	70·9	83·8	74·6
12	cu,cu-st,hz-nim,	3	cu, cu-st, cr-st,...	2	cu, cr-hz, cr-st,	5	hy-cu, d-cr-hz, nim,	8	ovt, lt-R, ...	8	ovt, R, ...	8	108·6	71·0	82·0	75·3
13	cu,cr-hz, ...	2	cu,cu-st,cr-hz,nim	4	cu, cr-hz, ...	3	cr, d-cr-hz, ...	6	cu, d-cr-hz. ...	2	cu, cr, cr-hz, ...	6	116·5	71·6	82·3	74·7
14	do. ...	2	sc-cu, d-cr-hz, ...	7	sc-cu, d-cr-hz, ...	7	cu, cr-hz, ...	5	cu, cr-st, cr-hz, ...	5	cu, cr-cu, cr-hz, ...	5	125·7	65·7	81·9	73·2
15	do. ...	2	cr-st,cr-hz,cu,	2	cu, cr-hz, ...	1	cu, cu-st, cr-hz,	6	cu, cu-st, cr-cu,cr-st,	3	cu, cu-st, cr, cr-st,	3	125·6	67·1	81·1	70·9
16	cu,hz hor, ...	3	cu,cu-st,cr-hz,nim,	7	do. ...	7	cr-cu, cr-st,cr-hz, ...	2	d-cu, cr-hz, nim, ...	7	ovt, ...	8	ovt	66·9	81·5	71·2
17	ovt, ...	8	ovt, ...	8	ovt, R, ...	2	ovt, lt-R, ...	8	ovt, ...	8	do. R, ...	8	ovt	71·9	78·8	73·7
18	...	...	...	...	...	...	...	...	...	...	...	...	122·5	75·4	80·0	72·7
19	do. R, ...	2	do. lt-R, ...	8	do. ...	6	do. ...	8	do. ...	8	cu, cu-st, cr-hz,	8	ovt	70·6	79·5	72·9
20	cr-hz,cu, ...	1	cu-hor, ...	1	cu, cr-hz ...	1	cu,hz, ...	1	fl-cu, ...	3	sc-cu, ...	4	159·3	67·1	80·7	70·6
21	cu, cr-hz, ...	2	cu, cr-hz, ... (r-b	3	cu, cr-cu, ...	1	clear, ...	0	do. ...	3	do ...	3	134·0	6·43	82·0	69·4
22	ovt, ...	8	cu, cu-st, hz, nim, lt-R	7	cu, cu-st, nim, ...	6	cu, cu-st, ...	7	cu, cu-st,cr, ...	6	cu, ...	8	ovt	67·9	79·4	71·9
23	cu,cu-st,cr-hz,nim	4	cu,cu-st,cr-hz, nim	7	cr-hz, cu, ...	6	cu, cr-cu, cr-hz, ..	6	cu,cr-cu,cr-hz,	5	cu, cr-hz, ...	8	124·7	69·9	80·7	72·3
24	cu,cu-st,cr-hz. ...	5	do. do. ...	7	fl-cu,cu-st,cr-hz,nim	6	cr-st, cr-hz, cu, ...	4	cu,cr-hz, ...	6	do. ...	2	127·5	67·8	80·9	70·3
25	...	...	...	...	...	...	...	...	...	...	...	...	127·2	65·1	80·8	72·3
26	cu cr-hz,nim, ...	5	cu, cr-hz, nim,	3	do. ...	4	cu, cu-st, cr-hz, ...	3	8-cu,cu-st,cr-hz,nim	6	fl-cu, cu-st, cr-hz, nim	6	127·5	71·8	79·7	70·2
27	cu,cr-hz, ...	6	cu,cr,cr-hz,cr-st	6	cu, cr-hz, cr-st, ...	3	cu, cr-hz, cr-st, ...	2	cu,cu-st,cr st,hz, ...	[illegible]	cu, cu-st, cr-st, hz,	5	152·0	66·9	79·8	71·1
28	cr-hz,cr-st,hl-[illegible]	5	cu, cr-st, cr-hz,...	5	cr-cu, cr-st, d-cr-hz,	5	cr-cu, cr-st, d-cr-hz	6	cr-cu,cr-st,d-cr-hz,	[illegible]	cr-cu, cr-st, d-cr-hz,	6	116·0	68·5	79·8	65·8
29	cr,cr-hz, ...	5	cr, cr-hz, ...	5	cr, cr st, hz, ...	1	ny clear, ...	0	fl-cu,hz, ...	[illegible]	2-cu, ...	6	125·3	63·5	81·5	69·8
30	sc-cu, ...	2	sc-cu, ...	3	cu, hy cu,nim,r-b W,	4	sc-cu, ...	3	cu,nim, ...	[illegible]	sc-cu, ...	2	129·2	missed	83·3	72·4
31	cu,cr-cu, D, ...	2	cr, cu,hz, ...	1	cr-cu, hz, ...	1	do. ...	2	sc-cu, ...	1	ny-clear, ...	0	127·5	67·9	83·2	72·2

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard ... around; cld ... clouds or cloudy; cr or cir ... cirri or cirro or cirrous; cu ... cumuli or cumulo; D ... Dew; d ... dense; dis ... distant; dt ... detached; E ... East; fg ... fog; fk ... forked; fl ... flying; fr ... frequent; g ... ground; hy ... heavy; hl ... halo; hor ... horizon; hz ... haze or hazy; ld ... loud; lg ... lightning; lt ... light; mt ... meteor; N ... North; nim ... nimbi; ny ... nearly; ovd ... overhead; ovt ... overcast; pk ... peals; pt ... part or partly or partial; R ... Rain; r-b ... rain-bow; S ... South; sc ... scattered; sh ... sheet; st ... stratus; th ... thunder; thk ... thick; v ... very; vvd ... vivid; W ... West.

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MADRAS, 1853.

MÊTEOROLOGICAL OBSERVATIONS.

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BAROMETRIC PRESSURE.

Barometer at 32° = 29 English Inches + the Number in the Table.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. —·003 *	In.	In. —·005 *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
JANUARY 1853.																									
1	0·919	0·940	0·962	0·971	0·966	0·996	0·999	0·985	0·972	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·945	0·919	0·920	0·951	0·958	0·961	0·986	1·021	1·024	1·007	0·966	0·969	0·985	0·927	0·930	0·983
3	·845	·949	·973	·394	1·016	1·031	1·026	1·024	·996	·978	·960	·958	·568	·974	·996	1·009	·047	·057	·055	1·083	1·006	·584	·960	·954	·996
4	·963	·378	·989	1·015	·040	·055	·047	·087	1·019	·998	·985	·984	·994	·998	1·023	·057	·078	·087	·035	·064	·038	·597	·982	·974	1·020
5	·982	1·008	1·026	·051	·084	·096	·091	·075	·057	1·086	1·030	1·008	1·007	1·019	·046	·078	·100	·109	·111	·098	·068	1·026	1·006	·998	·050
6	1·000	·018	·038	·080	·083	·059	·034	·073	·055	·044	·028	·017	·017	·023	·045	·067	·094	·093	·080	·058	·027	0·996	0·973	·961	·043
7	0·987	0·980	0·997	·093	·048	·057	·044	·039	·023	·011	0·983	0·982	0·991	·000	·025	·049	·072	·078	·073	·053	·035	1·000	·951	·970	·020
8	·974	·984	·995	·005	·020	·928	·020	·016	·908	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	0·974	·947	·938	·939	0·947	0·984	0·998	·020	·027	·022	·004	0·980	0·949	·929	·923	0·983
10	·929	·344	·961	0·979	0·999	·009	·000	0·994	0·996	·971	·959	·953	·557	·968	·587	1·014	·088	·041	·042	·024	·597	·968	·942	·929	·952
11	·929	·943	·259	·578	1·006	·021	·015	1·018	1·006	·591	·582	·968	·965	·971	·586	·001	·024	·039	·016	·008	·985	·945	·922	·911	·982
12	·919	·929	·967	·981	·008	·933	·024	·025	0·999	·990	·985	·984	·958	1·012	1·024	·045	·065	·078	·070	·047	1·007	·998	·972	·957	1·005
13	·958	·968	·989	1·016	·043	·068	·050	·046	1·088	1·007	·985	·978	·571	0·977	0·990	·014	·037	·049	·040	·020	0·992	·958	·935	·927	.001
14	·931	·843	·963	0·966	·005	·004	0·997	0·979	0·972	0·963	·537	·926	·926	·927	·955	0·976	·011	·024	·014	0·994	·970	·943	·934	·914	0·968
15	·916	·931	·958	·952	·005	·022	1·019	†1·023	1·014	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	1·001	·998	·984	·986	·997	1·001	1·062	·091	·091	·077	1·013	1·031	.982	·988	·958	1.007
17	·956	·978	·994	1·015	·031	·032	·024	·013	0·990	0·982	·989	·967	·976	·559	·028	·047	·078	·089	·081	·056	·031	1·004	·998	·984	·013
18	·989	·988	1·006	·081	·058	·061	·057	·943	1·026	1·008	·995	·987	·989	·597	·009	·044	·072	·081	·079	·057	·034	·000	·977	·971	·023
19	·973	·968	·003	·081	·050	·085	·044	·045	·032	·010	·993	·985	·987	·985	·011	·044	·067	·078	·073	·045	·018	0·990	·568	·959	·019
20	·959	·974	·004	·030	·058	·961	·059	·048	·020	·001	.987	·580	·983	·991	·008	·039	·059	·061	·043	·014	0·992	·957	·988	·927	·008
21	·928	·938	0·968	0·974	0·904	,009	0·990	0·975	0·964	0·949	·939	·927	·928	·918	0·983	0·973	0·997	·003	0·991	0·966	·938	·697	·583	.883	0·952
22	·382	·891	·911	·944	·954	0·951	·942	·935	920	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·853	·850	·845	·850	·861	·836	·912	·928	0·934	·993	·892	·863	·540	·813	·798	·891
24	·804	·813	·840	·860	·888	·898	·592	·885	·870	·559	·853	·848	·850	·353	·888	·907	·985	·951	·951	·938	·914	·887	·865	·388	·880
25	·857	·873	·889	·917	·985	·949	·348	·530	·918	·396	·884	·875	·877	·888	·901	·920	·944	·962	·340	·918	·853	·867	·848	·842	·903
26	·838	·848	·877	·902	·918	·930	·919	·911	·900	·863	·870	·863	·867	874	·888	·909	·932	·948	·843	·923	·897	·870	·858	·845	·892
27	·845	·880	·883	·913	·941	·844	·949	·942	·928	·905	·849	·887	·893	·911	·945	·974	1·004	1·018	1·001	·976	·945	·918	·895	·895	·928
28	·901	·930	·954	·979	·909	1·011	1·001	·989	·976	·954	·937	·933	·989	·958	·969	·996	·024	·035	·012	·988	·970	·944	·928	·922	·569
29	·928	·949	·989	·908	1·003	·081	.089	1·015	1·004	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	1·003	1·006	1·003	1·008	0·016	1·058	1·040	·074	·096	·089	1·014	1·040	1·019	·999	·992	1·021
31	1·000	1·019	1·029	1·044	·054	·058	·038	·017	0·996	0·978	0·966	0·963	0·975	0·994	·012	·041	·048	·035	·046	·022	0·994	0·980	·947	·645	·008
Means.	·930	·944	·965	·988	·009	·020	·013	·003	·938	·569	·955	·948	·988	·962	·983	·008	·983	.041	·933	·011	·986	·955	·938	·526	0·982
FEBRUARY 1853.										—·000 *		—·005 *													
1	0·962	0·973	0·997	1·014	1·019	1·019	1·006	0·989	0·975	0·917	0·940	0·984	0·941	0·953	0·909	0·998	1.026	1·024	1·008	0·990	0·981	0·924	0·904	0·901	0·978
2	·908	·988	·945	0·961	0·986	0·997	·001	·938	·978	·984	·950	·948	·959	·377	1·001	1·082	·049	·061	·051	1·035	·591	·955	·533	·933	·981
3	.944	·953	·978	1·001	1·033	1·007	·024	1·016	·993	·989	·946	·989	·945	·987	0·992	.021	·040	·037	·022	0·997	·960	·927	·908	·897	·980
4	·902	·918	·933	0·945	0·965	0·993	0·990	0·986	·962	·953	·945	·988	·944	·954	·978	·005	·020	·034	·018	·989	·958	·528	·903	·890	·960
5	·900	·906	·914	·935	·963	·981	·960	·549	·938	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·926	·918	·910	·917	·928	·960	0·974	0·996	·001	0·991	·958	·936	·899	·888	·879	·937
7	·887	·899	·925	·948	·968	·965	·564	·956	·946	·923	·911	·912	·928	·926	·962	·982	1·012	·010	·988	·960	·929	·904	·888	·885	·941
8	·893	·902	·928	·941	·981	·968	·969	·955	·946	·927	·908	·901	·506	·994	·980	·990	.005	·005	·997	·983	·969	·939	·928	·923	·947
9	·928	·941	·958	·572	·984	·995	·987	·588	·958	·948	·938	·536	·948	·953	·970	·992	·018	·018	1·007	·983	·954	·917	·901	·898	·961
10	·908	·931	·237	·959	·982	·590	·950	·567	·956	·948	·940	·933	·939	·951	·972	·995	·008	·014	·003	·957	·947	·925	·504	·902	·957
11	·911	·929	·941	·959	·971	·979	·974	·957	·584	·921	·909	·918	·919	·931	·945	·970	0·982	0·968	0·979	·959	·921	·893	·875	·876	·938
12	·868	·600	·925	·937	·959	·969	·958	·250	·929	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·924	·919	·913	·919	·937	·951	·972	·994	1·019	1·012	·997	·960	·929	·900	·893	·944
14	·898	·902	·910	·940	·965	·974	·971	·968	·943	·927	·911	·904	·909	·920	·934	·963	·984	0·992	0·986	·959	·930	·903	·884	·878	·938
15	·878	·583	·895	·912	·940	·949	·946	·937	·923	·908	·894	·882	·883	·898	.921	·944	·961	·973	·968	·939	·911	·868	·853	·345	·914
16	·843	·853	·866	·807	·907	·920	·918	·911	·900	·890	·881	·878	·884	·905	·907	·957	·978	·984	·979	·955	·981	·908	·880	·874	·909
17	·888	·888	·901	·930	·946	·983	·964	·922	·944	·934	·985	·924	·985	·947	·587	1·001	1·032	1·042	1·044	1·015	·982	·953	·937	·537	·987
18	·945	·568	·985	·995	1·000	1·030	1·025	1·030	1·000	·995	·990	·980	·988	1·009	·1006	047	·067	·078	·068	·044	1·005	·571	·946	·943	1.006
19	·948	·938	·966	1·000	·021	·033	·034	·017	0·992	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·954	·917	·908	·911	0·016	0·933	0·961	0·976	0·996	0·973	0·952	0·927	·895	·588	·878	0·955
21	·878	·884	·900	0·920	0·964	0·963	0·965	0·956	·942	·925	·908	·900	·904	·915	·929	·960	·972	·974	·561	·938	·505	·573	·852	·841	·922
22	·843	·847	·859	·377	·899	·508	·917	·911	·857	·888	·875	·885	·867	·878	·903	·923	·953	·567	·968	·987	·914	·890	·872	·883	·896
23	878	·885	·896	·914	·988	·941	·938	·929	·973	·905	·898	·882	·879	·895	·915	·943	·957	·573	·954	·946	·924	·506	·892	·885	·916
24	·888	·898	·982	·941	·956	·566	·985	·958	·948	·981	·915	·507	·912	·922	959	·980	1·006	1·024	1·012	1·001	·976	·959	·532	·932	·950
25	·938	·852	·985	·989	1·014	1·031	1·031	1·029	1·009	·994	·979	·589	·971	·979	1·001	1·041	·954	·070	·066	·053	1·025	·993	·975	·962	1·003
26	·958	·372	·986	·958	·013	·025	·009	·009	0·992	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·979	·984	·980	·968	·992	·005	·018	·038	·050	·042	·027	·000	·982	·953	·916	0.996
28	·944	·857	·960	.950	·001	·014	·010	·010	1·006	·994	·985	·977	·981	·988	·004	·018	·042	·050	·050	·029	·003	·182	·964	·955	·996
Means.	·905	·917	·933	·984	·978	·962	·980	*971	·962	·941	·928	·922	·927	·940	·561	·986	·007	·018	·006	·983	·254	·925	·907	·901	0·953

* The numbers in these Columns are not observed; but interpolated for the sake of obtaining the daily Means, and these numbers on the heads of them are the corrections of interpolations. † 1,022 Correct.

BAROMETRIC PRESSURE.

Borometer at 32° = 29 English Inches + the number in the Table.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23.	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. −·025 *	In.	In. −·056 *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
MARCH 1853. 1	0·911	0·964	0·984	1·000	1·015	1·026	1·038	1·023	1·002	0·962	0·967	0·962	0·969	1·000	1·010	1·033	1·053	1·058	1·040	1·017	0·961	0·964	0·943	0·933	0·995
2	·939	·950	·961	0·986	·004	·015	·018	·006	0·984	·965	·951	·943	·947	0·962	0·969	·010	·030	·039	·034	·002	·977	·943	·918	·903	·978
3	·898	·910	·925	·949	0·962	0·975	0·975	0·964	·948	·927	·910	·901	·905	·921	·953	0·972	0·996	·005	0·999	0·979	·943	·916	·882	·875	·941
4	·877	·888	·900	·924	·949	·964	·971	·964	·945	·925	·909	·900	·904	·917	·939	·965	·985	0·983	·967	·947	·912	·889	·872	·857	·927
5	·860	·869	·881	·898	·914	·924	·931	·922	·902	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·895	·892	·889	·899	·923	·948	·975	·993	·998	·995	·966	·943	·920	·897	·896	·923
7	·902	·914	·923	·940	·954	·970	·963	·956	·947	·928	·914	·906	·911	·918	·948	·967	·989	1·003	·997	·971	·947	·924	·895	·893	·941
8	·891	·912	·925	·948	·962	·978	·970	·962	·946	·933	·925	·916	·919	·935	·967	·995	1·012	·028	1·023	1·002	·982	·948	·928	·921	·955
9	·923	·925	·941	·961	·972	·982	·969	·967	·952	·940	·933	·930	·940	·951	·982	1·011	·025	·086	·024	·001	·969	·939	·913	·856	·962
10	·900	·908	·921	·930	·951	·955	·963	·959	·954	·947	·944	·935	·939	·948	·981	0·984	·006	·019	·008	0·975	·945	·926	·904	·899	·950
11	·904	·912	·928	·939	·950	·958	·967	·950	·942	·928	·918	·907	·909	·917	·935	·963	0·979	0·986	0·977	·943	·908	·879	·857	·843	·929
12	·847	·858	·880	·899	·928	·941	·951	·947	·985	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·911	·891	·882	·885	·850	·910	·929	·951	·955	·943	·922	·893	·869	·845	·829	·904
14	·829	·836	·852	·880	·855	·908	·901	·896	·880	·866	·857	·850	·855	·866	·895	·907	·924	·940	·941	·921	·893	·870	·852	·846	·882
15	·855	·865	·883	·899	·916	·930	·940	·921	·902	·890	·883	·875	·879	·908	·936	·958	·975	·989	·984	·963	·937	·898	·880	·878	·914
16	·874	·884	·903	·916	·934	·940	·985	·929	·913	·901	·895	·890	·898	·907	·944	·962	·985	·992	·987	·953	·924	·895	·878	·869	·921
17	·869	·883	·899	·921	·949	·958	·963	·955	·947	·935	·927	·924	·934	·943	·969	·990	·997	1·002	·988	·971	·937	·917	·894	·887	·940
18	·889	·902	·918	·939	·956	·974	·975	·960	·947	·930	·918	·911	·917	·933	·961	·980	·994	0·996	·994	·968	·943	·918	·891	·874	·941
19	·881	·897	·922	·944	·957	·967	·965	·965	·959	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·822	·840	·886	·895	·909	·938	·965	·971	·968	·951	·932	·902	·874	·855	·843	·923
21	·842	·847	·871	·902	·933	·948	·934	·908	·897	·893	·894	·883	·885	·898	·919	·941	·952	·951	·987	·916	·892	·863	·859	·883	·899
22	·833	·846	·865	·893	·925	·952	·948	·940	·915	·908	·906	·895	·897	·904	·938	·958	·984	·985	·978	·943	·914	·882	·857	·849	·913
23	·845	·860	·885	·905	·925	·946	·943	·916	·905	·891	·881	·870	·872	·889	·899	·928	·948	·946	·933	·907	·876	·851	·833	·823	·895
24	·819	·831	·847	·874	·901	·919	·917	·914	·891	·875	·863	·853	·855	·869	·880	·901	·919	·920	·896	·868	·827	·798	·784	·774	·866
25	·774	·779	·798	·818	·837	·844	·847	·843	·826	·818	·814	·808	·814	·831	·856	·866	·862	·881	·880	·849	·823	·797	·776	·772	·826
26	·779	·787	·795	·826	†·832	·843	·843	·831	·798	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·763	·732	·733	·747	·751	·779	·794	·816	·818	·814	·800	·780	·779	·766	‡·779	·790
28	·772	·789	·805	·828	·843	·848	·831	·823	·807	·793	·784	·774	·776	·792	·824	·857	·881	·877	·866	·845	·820	·800	·781	·786	·817
29	·787	·803	·816	·841	·845	·864	·877	·856	·837	·824	·816	·817	·831	·840	·875	·902	·918	·909	·890	·877	·856	·829	·812	·808	·847
30	·807	·820	·833	·856	·879	·886	·888	·884	·868	·856	·848	·854	·873	·883	·910	·938	·951	·976	·950	·925	·890	·865	·850	·837	·881
31	·857	·872	·891	·910	·919	·927	·925	·918	·897	·876	·860	·858	·865	·871	·899	·919	·942	·944	·937	·909	·875	·846	·825	·814	·890
Means.	·859	·871	·887	·908	·926	·939	·939	·929	·913	·897	·886	·880	·886	·899	·925	·947	·965	·971	·960	·936	·907	·881	·860	·852	0·909
										−·003 *		−·006 *													
APRIL 1853. 1	0·813	0·832	0·861	0·885	0·906	0·911	0·913	0·900	0·876	0·864	0·849	0·851	0·866	0·877	0·896	0·913	0·929	0·928	0·919	0·896	0·874	0·838	0·806	0·789	0·875
2	·784	·805	·821	·851	·870	·876	·877	·861	·843	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·852	·867	·868	·882	·896	·924	·956	·981	·976	·962	·930	·890	·861	·839	·823	·880
4	·818	·830	·859	·879	·908	·912	·910	·893	·860	·842	·830	·830	·842	·846	·863	·853	·899	·908	·888	·852	·811	·779	·758	·745	·852
5	·740	·752	·779	·798	·814	·821	·816	·806	·785	·774	·769	·776	·795	·797	·822	·841	·850	·851	·841	·828	·795	·758	·730	·706	·794
6	·706	·730	·764	·789	·826	·837	·840	·834	·814	·796	·785	·783	·794	·810	·861	·895	·918	·917	·939	·927	·899	·864	·824	·798	·831
7	·780	·797	·824	·851	·888	·913	·925	·923	·901	·892	·889	·881	·885	·888	·891	·913	·930	·942	·935	·910	·879	·849	·833	·822	·881
8	·822	·830	·858	·892	·917	·931	·929	·925	·892	·875	·864	·866	·880	·890	·922	·951	·956	·953	·943	·920	·879	·862	·840	·836	·893
9	·827	·835	·845	·873	·895	·921	·933	·931	·923	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·893	·870	·861	·864	·863	·880	·915	·946	·945	·946	·931	·917	·882	·863	·850	·891
11	·860	·860	·869	·901	·917	·915	·912	·909	·893	·876	·865	·862	·871	·880	·898	·918	·933	·938	·940	·919	·881	·859	·838	·826	·889
12	·829	·841	·860	·878	·897	·918	·914	·913	·885	·863	·847	·843	·861	·861	·884	·901	·922	·928	·912	·887	·857	·831	·812	·802	·873
13	·797	·806	·837	·845	·874	·881	·887	·874	·854	·833	·819	·813	·819	·838	·853	·881	·889	·883	·865	·846	·813	·780	·770	·748	·838
14	·747	·752	·773	·787	·814	·825	·838	·824	·802	·790	·783	·782	·794	·811	·831	·856	·880	·874	·855	·830	·808	·781	·762	·744	·806
15	·744	·755	·780	·791	·889	·843	·841	·827	·810	·792	·781	·780	·791	·800	·819	·849	·868	·871	·864	·853	·828	·805	·780	·778	·812
16	·777	·785	·810	·841	·857	·870	·867	·853	·835	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·842	·855	·853	·863	·874	·896	·917	·931	·935	·920	·886	·872	·847	·828	·813	·860
18	·812	·819	·826	·839	·842	·856	·858	·837	·822	·808	·796	·798	·812	·830	·841	·866	·877	·878	·868	·842	·811	·789	·777	·772	·828
19	·774	·786	·814	·838	·851	·865	·858	·834	·813	·800	·794	·795	·808	·822	·836	·858	·873	·878	·868	·848	·823	·797	·780	·768	·824
20	·769	·775	·798	·807	·836	·844	·841	·831	·814	·803	·798	·800	·814	·822	·848	·872	·891	·850	·882	·870	·841	·808	·777	·765	·825
21	·762	·771	·778	·805	·826	·849	·852	·842	·831	·810	·795	·791	·799	·814	·833	·850	·873	·864	·861	·852	·830	·801	·780	·769	·818
22	·764	·773	·788	·798	·827	·837	·842	·839	·823	·806	·795	·788	·793	·816	·831	·858	·872	·876	·862	·846	·820	·792	·766	·754	·815
23	·747	·752	·775	·790	·808	·807	·803	·791	·773	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·763	·760	·756	·764	·783	·807	·840	·846	·838	·830	·809	·778	·747	·729	·716	·784
25	·712	·723	·754	·785	·816	·831	·816	·807	·783	·768	·760	·758	·768	·785	·796	·828	·839	·837	·839	·824	·791	·766	·756	·739	·787
26	·726	·737	·772	·804	·837	·850	·840	·826	·812	·794	·783	·775	·780	·793	·807	·831	·837	·831	·822	·811	·782	·760	·735	·727	·795
27	·733	·744	·761	·790	·833	·847	·842	·817	·798	·775	·758	·758	·771	·781	·800	·822	·835	·837	·827	·809	·778	·754	·732	·721	·788
28	·718	·721	·744	·769	·790	·814	·816	·800	·771	·760	·756	·750	·756	·779	·798	·830	·837	·835	·821	·804	·767	·744	·712	·696	·774
29	·691	·701	·741	·764	·797	·801	·808	·799	·778	·760	·748	·755	·778	·784	·795	·810	·818	·810	·797	·779	·750	·721	·694	·684	·765
Means.	·769	·780	·803	·826	·851	·863	·863	·852	·832	·817	·809	·807	·817	·830	·849	·875	·889	·889	·880	·860	·831	·803	·781	·766	0·831

* The numbers in those Columns are not observed; but interpolated for the sake of obtaining the daily Means, and those numbers on the heads of them are the corrections of interpolations.

† ·823 Correct.
‡ ·779 do.

BAROMETRIC PRESSURE.

Barometer at 32° = 29 English Inches + the Number in the Table.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
										−·0025 *		−·006 *													
April 30	0·676	0·693	0·715	0·741	0·771	0·787	0·780	0·775	0·748	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May 1853. 1	—	—	—	—	—	—	—	—	—	0·737	0·731	0·732	0·746	0·770	0·780	0·810	0·827	0·829	0·818	0·799	0·776	0·751	0·743	0·735	0·782
2	·763	·745	·763	·785	·815	·829	·839	·826	·805	·794	·784	·779	·787	·804	·841	·851	·853	·855	·832	·815	·789	·768	·742	·760	·798
3	·722	·733	·739	·765	·796	·853	·851	·616	·808	·789	·777	·773	·783	·765	·789	·800	·835	·820	·811	·795	·702	·731	·717	·705	·779
4	·700	·710	·727	·755	·771	·795	·797	·783	·754	·739	·729	·728	·736	·754	·771	·763	·808	·817	·801	·786	·558	·722	·098	·683	·754
5	·873	·688	·760	·748	·774	·790	·792	·796	·775	·758	·748	·745	·756	·779	·757	·804	·815	·820	·813	·804	·776	·753	·738	·728	·766
6	·725	·741	·288	·789	·816	·837	·847	·828	·815	·807	·803	·603	·818	·831	·857	·851	·894	·899	·884	·652	·234	·830	·796	·775	·882
7	·773	·783	·795	·827	·849	·657	·859	·849	·829	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·788	·752	·750	·780	·768	·775	·763	·789	·810	·807	·778	·745	·717	·704	·697	·784
9	·685	·696	·758	·742	·755	·781	·787	·783	·769	·760	·756	·753	·767	·799	·827	·818	·820	·801	·788	·776	·759	·723	·709	·696	·780
10	·658	·708	·731	·759	·783	·807	·816	·803	·759	·786	·785	·775	·777	·787	·806	·828	·842	·637	·826	·807	·762	·760	·788	·707	·780
11	·697	·705	·718	·745	·758	·762	·781	·777	·757	·755	·748	·741	·748	·752	·779	·798	·812	·813	·794	·775	·752	·716	·694	·683	·754
12	·686	·705	·722	·760	·778	·784	·787	·779	·765	·745	·730	·731	·724	·760	·798	·812	·819	·822	·800	·783	·760	·744	·721	·709	·759
13	·701	·718	·736	·767	·778	·783	·791	·770	·758	·754	·754	·752	·752	·767	·819	·831	·636	·858	·820	·794	·770	·760	·723	·714	·771
14	·707	·718	·737	·761	·776	·783	·778	·708	·751	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·734	·723	·731	·735	·750	·777	·783	·801	·803	·791	·771	·748	·735	·712	·701	·752
16	·701	·729	·754	·773	·787	·818	·826	·811	·784	·767	·755	·738	·729	·747	·780	·804	·817	·826	·807	·781	·760	·738	·750	·705	·768
17	·702	·723	·745	·775	·794	·802	·801	·754	·776	·757	·742	·730	·730	·755	·776	·805	·620	·821	·809	·787	·751	·727	·707	·697	·763
18	·656	·704	·729	·759	·778	·801	·606	·793	·773	·754	·740	·731	·734	·753	·775	·799	·806	·805	·798	·774	·745	·723	·714	·706	·757
19	·705	·788	·745	·775	·780	·788	·784	·779	·754	·733	·717	·708	·712	·741	·769	·789	·804	·799	·773	·757	·738	·718	·698	·685	·749
20	·684	·702	·723	·747	·776	·788	·785	·778	·753	·786	·720	·718	·731	·764	·754	·775	·798	·803	·785	·782	·743	·711	·656	·673	·744
21	·678	·700	·733	·785	·789	·800	·800	·787	·768	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·773	·783	·785	·799	·810	·848	·865	·878	·889	·877	·859	·830	·838	·794	·763	·801
23	·751	·784	·785	·818	·838	·847	·860	·650	·839	·827	·820	·813	·818	·880	·864	·881	·891	·851	·871	·849	·824	·809	·787	·759	·828
24	·766	·789	·832	·826	·839	·846	·864	·656	·839	·834	·836	·614	·808	·818	·829	·839	·851	·858	·839	·825	·799	·771	·759	·745	·820
25	·734	·747	·784	·789	·801	·818	·820	·858	·807	·782	·765	·748	·746	·855	·781	·795	·800	·798	·784	·769	·748	·721	·700	·653	·770
26	·681	·859	·708	·729	·743	·767	·771	·765	·745	·730	·725	·725	·740	·773	·789	·797	·797	·802	·761	·701	·740	·718	·700	·682	·744
27	·677	·695	·706	·719	·746	·766	·750	·745	·718	·708	·703	·708	·722	·797	·755	·771	·781	·775	·768	·788	·735	·858	·675	·651	·726
28	·645	·659	·688	·722	·758	·769	·757	·756	·746	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·742	·743	·757	·744	·758	·787	·804	·817	·803	·775	·755	·726	·698	·686	·669	·740
30	·669	·682	·658	·727	·754	·751	·784	·780	·784	·715	·701	·697	·706	·731	·746	·773	·756	·799	·775	·764	·738	·721	·684	·665	·734
31	·660	·674	·691	·718	·748	·750	·760	·740	·737	·751	·710	·700	·702	·761	·759	·771	·778	·786	·770	·780	·748	·716	·705	·684	·728
Means.	·700	·715	·737	·762	·783	·796	·802	·792	·774	·760	·761	·746	·752	·770	·793	·809	·821	·821	·807	·769	·784	·740	·720	·705	0·767
										−·003 *		−·0045 *													
June 1853. 1	0·700	0·708	0·722	0·737	0·735	0·770	0·764	0·758	0·720	0·712	0·701	0·698	0·698	0·706	0·717	0·735	0·737	0·736	0·743	0·730	0·708	0·673	0·646	0·680	0·716
2	·530	·689	·558	·675	·706	·720	·722	·705	·689	·672	·661	·650	·647	·654	·658	·672	·688	·686	·674	·656	655	·608	·568	·544	·659
3	·540	·645	·564	·699	·611	·826	·623	·683	·614	·594	·680	·568	·565	·576	·618	·639	·661	·843	·817	·605	·587	·563	·635	·514	·592
4	·504	·515	·623	·550	·579	·602	·610	·607	·596	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·668	·547	·540	·546	·551	·567	·581	·590	·594	·590	·564	·543	·523	·505	·489	·557
6	·491	·609	·539	·658	·582	·596	·606	·606	·598	·684	·582	·581	·589	·604	·625	·640	·651	·660	·646	·621	·697	·670	·663	·650	·589
7	·655	·565	·587	·613	·634	·649	·642	·687	·636	·634	·638	·841	·658	·666	·674	·688	·700	·703	·853	·856	·642	·820	·805	·591	·638
8	·593	·606	·823	·640	·646	·959	·685	·647	·641	·632	·629	·628	·658	·665	·667	·685	·597	·698	·887	·665	·648	·611	·594	·688	·643
9	·587	·604	·819	·899	·645	·651	·648	·664	·619	·600	·588	·584	·588	·597	·633	·650	·657	·660	·642	·611	·800	·574	·656	·545	·613
10	·541	·589	·671	·614	·626	·855	·644	·659	·811	·690	·575	·667	·568	·597	·610	·860	·638	·846	·850	·653	·843	·634	·610	·679	·610
11	·803	·824	·839	·885	·670	·668	·659	·631	·844	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·698	·788	·739	·749	·785	·794	·807	·808	·808	·795	·766	·739	·720	·706	·877	·715
13	·874	·703	·718	·737	·760	·762	·775	·773	·766	·748	·787	·741	·756	·780	·802	·611	·605	·608	·787	·761	·753	·691	·875	·861	·747
14	·670	·685	·696	·745	·767	·775	·774	·789	·756	·787	·727	·754	·730	·748	·769	·786	·770	·757	·749	·729	·715	698	·687	·880	·736
15	·861	·684	·677	·704	·737	·744	·755	·787	·710	·695	·867	·690	·701	·715	·722	·734	·747	·764	·768	·745	·718	·708	·685	·669	·714
16	·658	·864	·686	·716	·724	·730	·751	·734	·715	·603	·698	·695	·711	·716	·728	·736	·753	·756	·744	·723	·701	·681	·863	·653	·709
17	·646	·658	·861	·703	·716	·739	·789	·728	·708	·685	·883	·662	·684	·878	·708	·711	·718	·711	·704	·685	·669	·848	·628	·608	·684
18	·615	·656	·674	·889	·723	·737	·740	·735	·727	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·789	·757	·751	·754	·767	·784	·815	·617	·815	·799	·782	·760	·738	·717	·896	·742
20	·886	·692	·704	·731	·784	·789	·806	·793	·777	·768	·766	·757	·756	·771	·779	·788	·788	·786	·777	·750	·727	·700	·677	·662	·749
21	·653	·664	·886	·705	·723	·755	·741	·736	·721	·717	·719	·716	·720	·739	·743	·756	·776	·758	·743	·721	·706	874	·548	·828	·713
22	·630	·644	·667	·727	·730	·757	·778	·768	·756	·741	·732	·730	·736	·745	·778	·787	·801	·798	·784	·788	·739	·701	·664	·847	·738
23	·651	·663	·675	·698	·725	·741	·756	·745	·738	·728	·723	·721	·787	·740	·771	·783	·797	·767	·770	·752	·754	·690	·667	·656	·726
24	·643	·658	·670	·696	·705	·731	·734	·760	·703	·696	·700	·687	·853	·701	·716	·730	·737	·731	·723	·713	·580	·660	·543	·625	·695
25	·628	·621	·639	·663	·674	·726	·741	·788	·699	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·692	·692	·693	·703	·720	·733	·758	·754	·745	·727	·703	·686	·654	·634	824	·693
27	·618	·630	·648	·667	·682	·697	·704	·702	·890	·684	·685	·681	·885	·699	·719	·716	·734	·711	·896	·689	·634	·609	·592	·566	·670
28	·568	·676	·608	·642	·668	·686	·698	·875	·053	·644	·541	·647	·662	·674	·686	·702	·706	·707	·657	·660	·639	·607	·598	·684	·650
29	·585	·603	·639	·661	·699	·714	·716	·707	·685	·675	·671	·671	·079	·703	·729	·787	·745	·740	·757	·715	·688	·659	·632	·613	·683
30	·616	·667	·651	·668	·689	·709	·721	·707	·683	·569	·861	·882	·673	·693	·717	·738	·763	·781	·737	·710	·660	·857	·638	·607	·684
Means.	·618	·628	·644	·670	·690	·705	·711	·703	·857	·677	·873	·670	·678	·690	·709	·723	·781	·760	·717	·896	·678	·649	·627	·611	0·679

* The numbers in these Columns are not observed; but interpolated for the sake of obtaining the daily Means, and those numbers on the heads of them are the corrections of interpolations.

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BAROMETRIC PRESSURE.

Barometer at 32° = 29 English Inches + the Number in the Table.

Gottingen Mean Time.		Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.		P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		In.	In.	In.	In.	In.	In.	In.	In.	In.	In. —·002 *	In.	In. —·003 *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
JULY 1853.	1	0·605	0·620	0·646	0·640	0·666	0·676	0·679	0·674	0·671	0·665	0·664	0·649	0·681	0·690	0·718	0·730	0·739	0·739	0·727	0·713	0·688	0·667	0·646	0·631	0·678
	2	·630	·640	·667	·884	·710	·727	·757	·738	·731	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	3	—	—	—	—	—	—	—	—	—	·724	·722	710	·729	·731	754	·774	·778	·757	·752	·725	·851	·651	614	·596	·705
	4	·594	·540	659	·597	·704	798	·731	·726	·721	·714	·719	·700	695	·670	·695	·706	·715	·722	·718	·701	·881	·661	651	·626	·691
	5	·652	·683	·702	715	·710	·714	·728	·722	·653	·680	·671	·665	·665	·689	722	·735	·747	752	·756	·758	·718	·586	·668	·660	·704
	6	685	·589	691	·716	·730	·741	·749	·746	·737	·728	·723	·729	·741	·745	·770	782	·755	·799	·794	·780	·757	·739	·720	·703	·741
	7	689	659	·714	758	·772	·784	·797	·787	·782	·776	·774	·770	·773	·788	795	·805	·815	·813	·799	·779	·735	·729	·712	·696	·764
	8	·587	697	·716	·740	·761	·782	·801	·793	·791	·775	·764	·781	·764	·777	·789	·798	809	·814	·816	·791	·769	·743	710	·688	·764
	9	·697	·718	·740	759	·776	·793	·802	·800	·783	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10	—	—	—	—	—	—	—	—	—	·750	·721	·704	·894	·707	·783	·738	748	·744	·728	·715	·696	·873	·849	·534	·728
	11	630	·842	·661	·678	699	·799	732	723	·713	·701	·893	·691	·695	·709	·728	·730	737	·781	719	·690	685	·629	·612	·655	·659
	12	·892	·618	837	860	681	·890	·712	·702	·883	·684	·685	·885	·691	705	·715	720	·727	·721	·706	·675	618	·628	·804	·596	·673
	13	593	630	·644	·673	·696	·709	717	·721	·708	·594	·686	·589	·599	·710	·726	·741	·741	·734	·709	·852	·668	639	516	·620	·655
	14	644	·665	·676	·704	·713	·799	·780	·738	·731	·712	·697	·893	·706	·730	·752	·789	·783	·784	·772	·748	·714	·883	·661	·614	·715
	15	645	·680	·689	·704	·736	·759	·758	746	·737	·763	·738	·735	·744	·757	·776	·785	·793	·734	·772	·757	·726	·719	·850	·680	·734
	16	·676	·688	·706	·724	·749	·776	790	·782	·769	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	17	—	—	—	—	—	—	—	—	—	·789	·814	808	·809	·821	826	·833	·833	·888	·819	·798	·762	·731	·712	·700	·775
	18	·696	·707	·719	·748	·786	·772	·791	·787	·778	·772	·771	·770	·778	·792	·821	·820	·823	·809	·797	768	734	709	·655	·657	·761
	19	586	·680	·684	702	·717	·784	·751	·747	·722	·712	·707	·858	·696	707	·727	·729	·745	·728	·718	·695	·673	·645	·617	·601	·700
	20	·598	·608	·632	·656	·577	688	692	·678	·870	·668	·870	·658	·653	·654	·685	·702	724	·731	·718	·696	·670	·647	·631	·615	668
	21	618	·822	·635	·658	·672	701	·716	·707	702	·696	·694	·702	716	·729	·741	·765	·767	·788	·783	·742	717	·701	·877	·639	·702
	22	·659	·681	·658	·740	·770	·782	·759	795	·789	·771	·758	·763	·774	·788	·804	813	·827	818	·809	·794	·765	737	·705	894	·764
	23	·700	·711	·739	·773	·792	·818	·810	·832	·805	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	—	—	—	—	—	·788	·776	·776	788	·754	806	·818	833	·829	·810	·782	·752	·722	·703	·690	·778
	25	·690	·784	736	·774	·752	·807	·822	·814	·810	·799	·792	·787	·788	·818	·831	·837	·866	·854	836	·811	·797	·772	·754	·754	·794
	26	·751	·772	·750	815	·835	·853	·865	·856	·643	829	818	·813	·814	·834	·858	873	880	·870	·836	·831	·808	·778	·754	·761	·824
	27	·760	·767	·785	·810	·815	837	·835	·825	·810	·798	791	·790	·796	·808	·838	858	·876	·868	854	832	·803	·778	754	·736	·809
	28	·733	·745	764	·785	·812	·838	828	·816	·807	·808	·803	·808	·615	·828	·847	·860	874	·866	·854	·823	·805	784	·769	·784	·809
	29	763	·768	·788	·813	·831	·846	·850	·842	·825	·815	·809	·805	·808	·824	·838	853	·863	·854	·840	·818	·793	·766	·745	·741	·612
	30	·749	·750	·768	·800	·800	·810	·812	·797	·777	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	31	—	—	—	—	—	—	—	—	—	·761	·750	·744	·745	·788	·781	·793	815	·808	·797	·784	·762	·740	·719	·710	·779
Means.		·670	·686	·704	·728	·746	·762	·771	·765	·763	·744	·758	·736	·740	·754	·772	·783	·794	·790	·778	·758	·731	·705	·685	·671	0·740
											—·002 *		—·003 *													
AUGUST 1853.	1	0·713	0·729	0·747	0·767	0·783	0·790	0·790	0·790	0·780	0·769	0·763	0·762	0·748	0·771	0·787	0·806	0·830	0·831	0·814	0·804	0·779	0·754	0·723	0·718	0·773
	2	·719	·733	·785	·777	·809	·818	·819	·826	·823	·804	·789	·780	·777	·783	·808	·824	·840	·841	·825	·810	·787	·758	·755	·749	·792
	3	·727	·741	·768	·795	·808	·830	·827	·814	·777	·768	·760	·755	·758	·766	·793	·799	·808	·806	·795	·775	·752	·724	·711	·700	·773
	4	·690	·708	·720	·750	·781	·799	·804	·793	·787	·788	·754	·752	·757	·770	·786	·803	·818	·809	·793	·778	·715	·718	·700	·676	·760
	5	·878	·695	·709	·726	·751	·765	·787	·779	·754	·741	·733	·734	·741	·746	·768	·775	·789	·795	·753	·755	·725	·701	·677	·657	·740
	6	·671	·685	·700	·720	·739	·744	·750	·754	·746	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	7	—	—	—	—	—	—	—	—	—	·727	·718	·713	·721	·738	·748	·758	·769	·757	·756	·738	·717	·898	·683	·673	·726
	8	·670	·681	·701	·723	·746	·759	·753	·739	·733	·729	·730	·784	·728	·731	·746	·757	·771	·766	·756	·733	·707	·680	·658	·665	·725
	9	·667	·580	·659	·715	·740	·754	·782	·758	·742	·743	·748	·748	·754	·758	·769	·775	·789	·751	·753	·772	·749	·725	·694	·669	·741
	10	·539	·679	·702	·715	·746	·768	·768	·752	·731	·717	·707	·705	·709	·725	·751	·760	·791	·800	·759	·771	·741	·713	·692	·687	·733
	11	·698	·714	·738	·761	·780	·799	·798	·798	·786	·772	·763	·760	·763	·765	·776	·797	·813	·816	·610	·809	·784	·787	·742	·728	·772
	12	·750	·767	·794	·609	·813	·821	·832	·834	·817	794	·776	·779	·789	·807	·631	·859	·860	·858	·845	·629	·802	·779	·767	·745	·807
	13	·736	·745	·760	·771	·792	·804	·810	·798	·782	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	—	—	—	—	—	—	—	—	—	·758	·729	·715	·707	·719	·725	·759	·776	·778	·753	·737	·718	·685	·675	·650	·745
	15	·870	·688	·710	·737	·758	·775	·773	·788	·746	·738	·764	·724	·720	·749	·747	·751	·771	·770	·785	·746	·729	·703	·878	·687	·733
	16	·684	·718	·716	·747	·778	·758	·800	·786	·778	·753	·753	·748	·745	·753	·772	·760	·790	·805	·806	·792	·778	·753	·721	·696	·751
	17	·705	·717	·737	·760	·788	·796	·793	·787	·775	·758	·745	·745	·751	·771	·793	·811	·822	·831	·821	·610	·777	·758	·731	·781	·771
	18	·744	·747	·758	·767	·782	·793	·793	·786	·775	·761	·753	·748	·751	·788	·791	·813	·828	·824	·805	·783	·761	·737	·717	·698	·770
	19	·695	·703	·703	·730	·760	·779	·773	·764	·757	·741	·730	·723	·722	·730	·743	·761	·768	·767	·748	·718	·696	·675	·848	·642	·725
	20	·629	·636	·661	·680	·702	·719	·738	·725	·695	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	—	—	—	—	—	—	—	—	—	·671	·851	·642	·839	·643	·670	·894	·707	·717	·705	·656	·678	·658	·642	·631	·675
	22	·638	·649	·561	·684	·697	·714	·723	·711	·684	·670	·681	·653	·651	·664	·657	·701	·717	·729	·721	·712	·684	·661	·646	·633	·631
	23	·527	·639	·667	·689	·718	·729	·733	·723	·711	·705	·703	·694	·692	·708	·728	·753	·758	·781	·750	·738	·718	·691	·868	·663	·707
	24	·667	·679	·695	·727	·754	·774	·778	·779	·784	·757	·754	·750	·752	·757	·764	·804	·807	·818	·818	·789	·758	·740	·708	·598	·755
	25	·553	·705	·730	·740	·758	·765	·765	·756	·739	·729	·723	·724	·731	·740	·752	·760	·771	·767	·747	·737	·719	·707	·687	·650	·734
	26	·678	·703	·715	·737	·753	·772	·770	·758	·752	·739	·731	·724	·723	·727	·738	·754	·787	·771	·757	·745	·716	·690	·668	·649	·731
	27	·659	·678	·693	·703	·720	·748	·757	·755	·747	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	—	—	—	—	—	—	—	—	—	·709	·676	·878	·682	·691	·717	·748	·762	·762	·746	·728	·699	·671	·558	·640	·708
	29	·638	·658	·678	·700	·716	·735	·723	·709	·699	·685	·675	·663	·658	·654	·688	·722	·728	·715	·710	·692	·660	·639	·621	·605	·682
	30	·603	·619	·661	·679	·899	·716	·722	·714	·709	·696	·657	·650	·681	·711	·735	·746	·755	·754	·735	·713	·675	·842	·616	·611	·690
	31	·515	·828	·655	·673	·696	·714	·716	·712	·708	·710	·717	·722	·733	·754	·771	·787	·800	·800	·782	·754	·712	·573	·653	·635	·713
Means.		·678	·693	·712	·739	·755	·769	·773	·765	·759	·738	·728	·723	·735	·737	·756	·772	·785	·787	·775	·757	·732	·707	·687	·676	0·738

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily Means, and those numbers on the heads of them are the corrections of interpolations.

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BAROMETRIC PRESSURE.

Barometer at 32° = 29 English Inches + the Number in the Table.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
SEPTEMBER 1853.										—·008 *		—·0055 *													
1	0·627	0·638	0·661	0·675	0·706	0·731	0·738	0·730	0·716	0·709	0·700	0·713	0·728	0·744	0·772	0·780	0·794	0·778	0·770	0·737	0·704	0·680	0·662	0·630	0·715
2	·635	·645	·656	·673	·708	·723	·740	·729	·711	·700	·698	·703	·712	·733	·758	·781	·792	·784	·772	·754	·719	·692	·678	·658	·718
3	·654	·663	·680	·711	·746	·764	·770	·767	·758	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·776	·801	·797	·803	·813	·834	·857	·872	·875	·860	·835	·800	·767	·756	·735	·781
5	·742	·755	·770	·784	·802	·817	·831	·817	·812	·797	·789	·784	·789	·798	·820	·839	·840	·849	·834	·807	·768	·737	·715	·704	·792
6	·694	·718	·746	·770	·751	·756	·800	·789	·784	·777	·777	·776	·785	·796	·819	·844	·868	·870	·860	·838	·812	·790	·789	·741	·791
7	·743	·764	·779	·806	·818	·820	·811	·797	·791	·781	·778	·785	·803	·817	·824	·845	·849	·845	·837	·817	·791	·758	·735	·729	·797
8	·733	·739	·763	·783	·819	·824	·833	·826	·816	·808	·800	·805	·820	·829	·854	·855	·896	·899	·859	·864	·839	·805	·799	·777	·821
9	·757	·800	·822	·841	·867	·838	·893	·874	·865	·849	·839	·818	·797	·820	·851	·897	·910	·910	·894	·880	·856	·817	·795	·780	·849
10	·779	·791	·809	·832	·840	·857	·850	·830	·811	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·758	·787	·794	·791	·806	·834	·858	·881	·878	·860	·839	·894	·770	·742	·735	·815
12	·789	·751	·779	·805	·837	·850	·853	·837	·838	·820	·810	·805	·810	·821	·842	·869	·877	·877	·863	·838	·806	·777	·763	·751	·817
13	·749	·778	·804	·822	·850	·867	·879	·872	·849	·826	·810	·803	·810	·820	·841	·879	·894	·883	·867	·845	·825	·791	·777	·771	·830
14	·776	·793	·823	·848	·863	·879	·872	·860	·835	·827	·826	·822	·829	·842	·858	·880	·887	·881	·883	·836	·802	·773	·788	·758	·833
15	·758	·767	·813	·833	·862	·870	·873	·868	·860	·848	·842	·838	·844	·849	·869	·872	·881	·878	·861	·829	·795	·753	·789	·764	·835
16	·777	·783	·818	·842	·867	·881	·888	·862	·850	·836	·828	·825	·833	·843	·851	·872	·892	·881	·872	·846	·821	·795	·787	·788	·837
17	·775	·798	·831	·885	·878	·894	·889	·871	·857	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·829	·808	·816	·835	·853	·857	·876	·885	·851	·868	·845	·815	·779	·782	·749	·837
19	·763	·788	·800	·882	·841	·864	·857	·845	·834	·816	·804	·798	·803	·818	·845	·861	·873	·861	·842	·817	·788	·761	·747	·724	·816
20	·722	·764	·795	·806	·817	·824	·820	·814	·802	·785	·775	·772	·779	·784	·795	·820	·828	·826	·807	·779	·757	·726	·716	·693	·783
21	·698	·723	·737	·784	·809	·814	·810	·799	·733	·771	·766	·763	·770	·777	·793	·803	·813	·813	·807	·800	·770	·745	·734	·730	·778
22	·736	·743	·761	·797	·824	·822	·815	·810	·791	·778	·771	·774	·788	·790	·803	·831	·837	·826	·805	·778	·743	·719	·704	·700	·781
23	·711	·729	·770	·751	·805	·812	·803	·781	·764	·750	·742	·783	·733	·736	·761	·776	·783	·784	·771	·750	·720	·686	·861	·866	·751
24	·674	·691	·735	·751	·787	·791	·778	·781	·742	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·714	·692	·683	·685	·690	·708	·723	·734	·736	·722	·698	·663	·651	·618	·612	·709
26	·618	·632	·662	·683	·718	·727	·721	·710	·690	·678	·672	·665	·649	·662	·687	·705	·718	·716	·710	·679	·655	·616	·599	·586	·678
27	·632	·612	·630	·678	·700	·709	·703	·703	·683	·663	·649	·644	·650	·662	·682	·702	·711	·715	·704	·670	·643	·616	·609	·598	·668
28	·626	·638	·668	·680	·713	·725	·716	·708	·680	·670	·667	·661	·668	·673	·693	·731	·737	·729	·717	·696	·668	·651	·615	·615	·680
29	·618	·638	·659	·702	·730	·735	·740	·733	·727	·712	·704	·697	·700	·711	·728	·751	·761	·762	·746	·718	·690	·664	·646	·646	·705
30	·683	·678	·703	·724	·738	·749	·748	·736	·715	·710	·711	·698	·696	·707	·726	·748	·769	·769	·757	·742	·711	·681	·649	·646	·716
Means.	·708	·724	·749	·774	·797	·809	·809	·797	·783	·770	·764	·760	·766	·777	·797	·819	·829	·827	·814	·790	·760	·731	·714	·702	0·774
OCTOBER 1853.										—·004 *		—·005 *													
1	0·650	0·672	0·721	0·744	0·755	0·761	0·755	0·735	0·723	0·699	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	—	0·653	0·660	0·668	0·687	0·711	0·733	0·746	0·745	0·730	0·696	0·656	0·629	0·618	0·606	0·700
3	·619	·628	·642	·684	·698	·702	·713	·694	·677	·658	·647	·646	·658	·670	·687	·711	·733	·718	·699	·673	·637	·604	·585	·582	·654
4	·588	·613	·646	·658	·687	·690	·666	·652	·626	·608	·598	·600	·613	·635	·662	·683	·709	·715	·692	·662	·626	·588	·574	·570	·633
5	·575	·597	·614	·641	·671	·671	·668	·655	·630	·630	·629	·638	·658	·682	·707	·727	·750	·758	·739	·712	·672	·636	·617	·615	·662
6	·623	·644	·676	·710	·732	·751	·752	·742	·728	·721	·723	·731	·750	·751	·794	·820	·839	·832	·810	·789	·768	·745	·728	·726	·746
7	·749	·774	·798	·814	·858	·869	·862	·861	·841	·830	·838	·837	·857	·878	·899	·928	·937	·937	·924	·897	·872	·857	·846	·848	·858
8	·859	·871	·889	·914	·937	·944	·948	·933	·912	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·905	·906	·906	·918	·933	·967	·983	·994	·992	·978	·948	·934	·908	·871	·861	·928
10	·889	·909	·924	·953	·982	·981	·967	·955	·936	·922	·917	·912	·918	·924	·944	·969	·973	·975	·956	·918	·882	·854	·839	·844	·927
11	·869	·873	·897	·920	·935	·949	·948	·936	·910	·892	·883	·877	·881	·902	·925	·943	·952	·953	·939	·891	·869	·853	·837	·824	·901
12	·838	·858	·881	·907	·929	·939	·927	·917	·894	·883	·880	·871	·878	·898	·914	·944	·950	·941	·925	·895	·861	·831	·819	·815	·891
13	·828	·851	·884	·902	·924	·934	·926	·913	·889	·860	·858	·853	·859	·882	·905	·929	·955	·959	·928	·897	·879	·849	·832	·826	·888
14	·833	·852	·879	·907	·933	·935	·920	·917	·897	·884	·879	·877	·884	·901	·925	·947	·955	·954	·933	·908	·885	·858	·835	·833	·898
15	·847	·880	·883	·911	·928	·944	·941	·922	·900	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·895	·898	·894	·900	·917	·934	·960	·974	·968	·939	·919	·889	·868	·857	·847	·909
17	·862	·871	·891	·918	·928	·942	·931	·918	·890	·878	·875	·869	·873	·888	·900	·918	·931	·923	·904	·875	·859	·834	·816	·814	·887
18	·826	·835	·859	·881	·897	·909	·901	·892	·869	·858	·851	·848	·856	·868	·889	·911	·923	·930	·903	·878	·851	·847	·811	·805	·871
19	·818	·824	·843	·886	·902	·921	·920	·907	·885	·879	·864	·864	·874	·885	·894	·912	·926	·942	·924	·904	·871	·847	·830	·829	·880
20	·865	·843	·865	·891	·913	·919	·910	·903	·899	·875	·859	·853	·868	·891	·908	·931	·953	·952	·944	·928	·892	·870	·834	·845	·891
21	·859	·867	·887	·920	·948	·938	·930	·910	·902	·888	·853	·873	·874	·887	·923	·939	·950	·982	·941	·859	·885	·872	·845	·844	·902
22	·867	·881	·901	·934	·959	·958	·945	·940	·919	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·907	·904	·904	·914	·929	·958	·967	·990	·991	·976	·945	·918	·898	·878	·878	·927
24	·883	·898	·922	·947	·966	·980	·977	·983	·938	·924	·918	·913	·919	·937	·950	·974	1·000	1·008	·990	·957	·922	·887	·865	·862	·937
25	·872	·893	·924	·959	·976	·979	·959	·948	·926	·907	·897	·899	·912	·934	·945	·968	0·999	0·996	·978	·955	·922	·893	·877	·874	·933
26	·891	·912	·947	·975	1·000	·999	·998	·971	·965	·953	·949	·954	·982	·989	1·015	1·026	1·044	1·050	1·051	1·027	1·003	·973	·951	·945	·983
27	·958	·966	·983	1·009	·037	1·036	1·036	1·021	1·004	·987	·981	·974	·978	·994	·008	·026	·042	·057	·039	·007	0·992	·958	·934	·980	·995
28	·980	·986	·975	·008	·026	·022	·014	0·993	0·971	·946	·930	·928	·930	·943	0·957	0·983	0·998	·011	0·989	0·947	·940	·913	·897	·856	·964
29	·905	·927	·939	0·970	0·995	0·980	0·963	·954	·931	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·915	·907	·911	·926	·939	·949	1·002	1·013	·016	·995	·978	·949	·918	·904	·900	·950
31	·908	·926	·954	·988	·999	·952	·991	·980	·948	·928	·918	·907	·908	·924	·943	0·963	0·967	0·990	·973	·947	·925	·894	·899	·873	·943
Means.	·818	·831	·858	·881	·903	·909	·902	·889	·870	·855	·849	·847	·858	·873	·893	·915	·932	·934	·918	·888	·859	·834	·815	·812	0·872

* The numbers in these columns are not observed: but interpolated for the sake of obtaining the daily Means, and those numbers on the heads of them are the corrections of interpolations.

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BAROMETRIC PRESSURE.

Barometer at 32° = 29 English Inches + the Number in the Table.

NOVEMBER 1853.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41.	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. -·0035 *	In.	In. -·0035 *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·878	0·890	0·907	0·915	0·944	0·950	0·931	0·914	0·898	0·861	0·860	0·860	0·861	0·880	0·904	0·938	0·914	0·965	0·952	0·917	0·893	0·863	0·829	0·821	0·902
2	·823	·833	·853	·869	·880	·877	·880	·866	·834	·825	·820	·811	·812	·830	·858	·888	·009	·021	·912	·880	·856	·830	·815	·811	·854
3	·803	·825	·842	·866	·880	·872	·862	·854	·825	·806	·791	·794	·807	·815	·840	·869	·850	·893	·877	·847	·814	·786	·781	·781	·834
4	·800	·827	·857	·864	·873	·876	·867	·851	·812	·800	·793	·791	·799	·831	·866	·898	·914	·918	·903	·882	·868	·839	·829	·817	·849
5	·821	·831	·871	·893	·906	·908	·891	·885	·873	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·858	·848	·837	·837	·846	·863	·896	·033	·961	·964	·920	·897	·838	·819	·822	·876
7	·827	·850	·863	·877	·892	·893	·878	·856	·849	·836	·827	·820	·823	·840	·861	·886	·894	·894	·879	·879	·855	·826	·814	·808	·856
8	·822	·831	·843	·854	·859	·862	·867	·866	·851	·830	·813	·806	·809	·837	·867	·902	·918	·921	·942	·909	·853	·862	·818	·843	·861
9	·868	·856	·894	·917	·922	·923	·927	·924	·904	·883	·877	·876	·885	·913	·938	·966	·982	·989	·965	·935	·904	·873	·859	·870	·912
10	·885	·922	·947	·968	·987	·994	·993	·968	·960	·938	·921	·921	·932	·950	·965	·092	1·004	·999	·980	·943	·910	·879	·851	·849	·944
11	·862	·880	·912	·940	·959	·958	·933	·898	·860	·844	·833	·833	·853	·867	·881	·903	0·919	·932	·911	·880	·844	·824	·795	·786	·880
12	·801	·818	·836	·857	·873	·877	·857	·856	·846	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·849	·856	·861	·876	·884	·895	·937	·968	·971	·958	·933	·910	·903	·880	·850	·882
14	·865	·898	·931	·960	·966	·972	·974	·960	·952	·928	·909	·908	·918	·943	·970	·993	1·018	1·018	·959	·970	·943	·913	·894	·888	·946
15	·892	·906	·934	·959	·970	·978	·076	·953	·934	·916	·902	·894	·896	·909	·933	·956	0·971	0·973	·917	·022	·896	·867	·843	·841	·924
16	·847	·869	·857	·924	·943	·918	·943	·913	·903	·892	·886	·882	·889	·915	·925	·956	·967	·963	·952	·031	·891	·871	·854	·855	·909
17	·859	·876	·856	·021	·044	·957	·951	·945	·931	·915	·904	·859	·904	·934	·955	·987	1·008	1·008	·990	·963	·910	·912	·895	·893	·933
18	·897	·913	·939	·956	·081	·991	·985	·978	·964	·947	·934	·924	·925	·940	·956	·977	·001	·003	·990	·970	·949	·016	·908	·908	·952
19	·913	·926	·039	·953	·975	·979	·970	·962	·946	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	...	—	—	—	—	—	—	—	·935	·929	·923	·927	·951	·972	·995	·009	·013	1·003	·974	·044	·927	·910	·912	·954
21	·925	·941	·955	·981	·993	·993	·989	·987	·961	·952	·947	·942	·948	·964	·982	1·002	·015	·019	·008	·982	·962	·941	·924	·923	·968
22	·932	·954	·963	·986	·095	1·007	1·000	·982	·958	·936	·922	·915	·919	·936	·957	0·983	·000	·003	0·984	·061	·933	·908	·854	·890	·965
23	·895	·906	·929	·945	·961	0·981	0·942	·928	·916	·901	·890	·893	·886	·889	·922	·950	0·967	0·969	·951	·931	·902	·882	·865	·867	·919
24	·877	·895	·918	·937	·953	·967	·958	·943	·935	·913	·895	·890	·896	·910	·941	·963	·976	·984	·965	·947	·920	·891	·878	·879	·927
25	·889	·903	·931	·948	·964	·967	·954	·942	·919	·896	·877	·876	·885	·909	·925	·954	·966	·972	·959	·033	·905	·883	·866	·862	·920
26	·868	·873	·904	·924	·940	·951	·939	·921	·909	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·892	·879	·876	·883	·909	·930	·958	·975	·974	·975	·955	·934	·907	·894	·893	·919
28	·899	·909	·927	·953	·968	·979	·078	·968	·953	·927	·907	·898	·900	·915	·945	·972	1·000	·909	·991	·977	·955	·930	·919	·913	·945
29	·917	·935	·950	·974	·953	1·003	·997	·989	·980	·966	·956	·949	·953	·963	·993	1·023	·043	1·049	1·050	1·004	·975	·951	·935	·930	·978
30	·932	·940	·966	·953	1·013	·018	1·013	·959	·984	·964	·948	·934	·930	·945	·976	·005	·012	·036	·007	0·966	·951	·928	·912	·901	·970
Means.	·869	·886	·908	·929	·944	·949	·941	·927	·910	·884	·882	·877	·883	·902	·924	·952	·970	·975	·961	·935	·910	·883	·866	·862	Means.

DECEMBER 1853.

Day	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
										-·0015 *		-·0035 *													
1	0·910	0·923	0·939	0·976	0·991	0·907	0·902	0·985	0·979	0·962	0·947	0·943	0·947	0·935	0·973	1·005	1·017	1·018	1·009	0·988	0·963	0·938	0·924	0·920	0·967
2	·929	·952	·977	·997	1·018	1·032	1·023	1·017	1·008	·985	·985	·978	·982	·990	1·008	·033	·043	·044	·030	1·006	·986	·969	·957	·955	·996
3	·968	·980	1·005	1·026	·038	·033	·011	0·997	0·983	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·943	·906	·902	·903	·926	0·955	0·999	0·996	0·997	0·987	0·962	·983	·903	·891	·886	·962
5	·895	·905	0·940	0·956	0·960	0·983	0·969	·958	·953	·945	·039	·928	·923	·931	·951	·976	·918	·958	·950	·960	·036	·902	·885	·881	·945
6	·891	·901	·922	·948	·963	·962	·956	·949	·932	·916	·903	·901	·900	·924	·948	·962	·996	1·006	·994	·975	·945	·915	·903	·899	·938
7	·911	·932	·060	·995	1·015	1·009	·990	·969	·961	·953	·948	·033	·928	·940	·963	·998	1·010	·014	1·003	·974	·937	·008	·893	·891	·960
8	·912	·980	·956	·974	·001	·003	·992	·979	·961	·943	·927	·922	·928	·949	·978	1·004	·013	·018	·007	·978	·954	·931	·905	·903	·981
9	·919	·941	·964	·991	·003	·005	·997	·987	·982	·970	·961	·962	·974	·986	1·012	·037	·057	·069	·052	1·023	·989	·959	·941	·055	·988
10	·943	·955	·975	·996	·017	·023	1·017	1·006	·992	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	1·003	1·016	1·016	1·027	1·033	·054	·079	·093	·089	·078	·054	1·019	1·007	·988	·977	1·021
12	·987	1·001	1·040	1·047	·052	·062	·049	·041	1·024	·005	0·988	0·982	0·956	·005	·033	·060	·081	·088	·079	·059	·029	·003	·031	·971	·027
13	·978	0·987	·007	·031	·054	·062	·039	·047	·030	·025	1·022	1·016	1·020	·027	·044	·075	·094	·095	·079	·055	·026	0·995	·975	·971	·032
14	·978	·091	·010	·025	·040	·049	·045	·032	·007	0·997	0·989	0·989	·000	·008	·027	·070	·097	·099	·083	·068	·038	1·007	·905	·987	·026
15	·993	1·012	·031	·054	·066	·076	·074	·058	·050	1·027	1·006	·999	·003	·014	·043	·074	·088	093	·078	·051	·020	0·993	·982	·978	·036
16	·991	·006	·021	·047	·060	·076	·063	·067	·039	·026	·016	1·018	·031	·037	·053	·084	·096	·099	·092	·053	·016	·953	·980	·970	·040
17	·980	0·993	·010	·029	·046	·070	·066	·063	·030	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·025	·002	0·993	0·994	·009	·021	·059	·077	·086	·075	·051	·023	·904	·974	·964	·027
19	·971	·976	·011	·027	·041	·048	·034	·015	·007	0·995	0·988	·977	·978	0·990	·010	·045	·063	·068	·055	·030	·004	·983	·960	·951	·009
20	·955	·966	0·988	0·998	·020	·030	·021	·007	0·992	·974	·058	·954	·061	·969	0·987	·025	·047	·054	·045	·020	0·996	·965	·055	·950	0·993
21	·962	·973	1·004	1·028	·048	·058	·053	·043	1·024	1·012	1·002	1·003	1·015	1·020	1·039	·071	·101	·095	·082	·058	1·021	·992	·982	·966	1·027
22	·982	1·003	·019	·045	·060	·069	·066	·061	·053	·084	·017	·022	·037	·052	·079	·100	·117	·128	·112	·083	·051	1·025	1·007	1·000	·051
23	1·009	·028	·049	·060	·073	·083	·070	·058	·051	·034	·019	·019	·029	·033	·050	·080	·056	·097	·078	·046	·016	0·978	0·960	0·980	·041
24	0·955	0·969	0·992	·020	·085	·035	·027	·019	·013	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	0·991	0·973	0·974	·986	·015	·034	·062	·086	·054	·076	·050	·021	·994	·989	·979	·016
26	·989	1·005	1·033	·055	·075	·084	·083	·077	·074	1·053	1·035	1·031	1·042	·058	·076	·103	·125	·130	·125	·105	·084	1·059	1·043	1·034	·066
27	1·046	·050	·081	·104	·121	·130	·123	·115	·103	·084	·067	·063	·069	·081	·095	·115	·137	·147	·134	·099	·071	·043	·025	·021	·089
28	·024	·041	·062	·084	·105	·109	·115	·107	·077	·066	·057	·053	·059	·078	·092	·116	·133	·121	·109	·088	·050	·022	·000	0·999	·073
29	·002	·011	·025	·041	·050	·054	·057	·057	·046	·025	·007	0·999	·002	·012	·045	·066	·096	·097	·077	·051	·026	·012	·002	·996	·036
30	·004	·013	·026	·045	·055	·064	·062	·049	·031	·025	·021	1·023	·035	·046	·064	·091	·105	·109	·091	·070	·044	·018	·005	1·004	·046
31																									
Means.	·965	·979	·002	·023	·039	·046	·040	·029	·016	·001	·983	·985	·992	·003	·024	·053	·072	·075	·062	·037	·008	·981	·965	·959	1·014

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily Means, and those numbers in the heads of them are the corrections of interpolations.

DRY THERMOMETER (OLD STANDARD.)

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
JANUARY 1853.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
1	80·8	79·3	77·7	76·9	76·2	75·7	75·2	74·7	74·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	77·2	77·2	77·2	77·2	77·0	76·8	77·8	78·8	80·5	81·9	83·6	84·0	83·8	83·5	82·1	78·7
3	81·0	80·2	79·6	79·3	79·1	78·6	77·9	78·4	78·0	77·7	77·5	77·0	76·5	77·2	77·6	78·6	80·6	81·0	82·5	83·3	83·5	83·6	88·4	83·4	79·8
4	80·9	79·1	78·4	78·1	78·0	77·7	77·5	76·8	76·0	76·0	76·0	76·0	76·0	75·9	75·9	78·0	79·9	81.8	82·5	83·6	83·6	83·3	82·7	82·6	79·0
5	81·0	79·7	79·1	78·7	78·4	78·1	78·0	77·6	77·6	77·6	77·6	77·1	76·6	76·3	76·0	77·9	79·5	81·0	81·7	82·2	82·2	82·1	82·2	81·6	79·2
6	80·6	79·1	78·1	77·6	77·1	76·4	74·8	74·0	74·0	73·8	73·6	73·0	73·4	72·3	72·0	73·3	76·5	79·1	81·1	82·0	82·2	82·3	81·6	81·0	77·0
7	80·4	79·0	78·0	77·6	77·3	76·9	76.8	76·0	75·6	74·8	74·0	73·5	72·9	71·4	70·5	73·5	76·3	79·1	80·7	81·2	81·6	81·4	82·0	81·3	77·1
8	80·0	78·1	76·9	76·0	74·4	73·7	73·6	73·0	72·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	72·3	72·3	72·3	72·3	73·1	71·5	73·7	76·0	77·8	80·2	81·4	82·4	82·5	83·0	82·5	76·3
10	80·7	79·1	77·6	76·8	76·0	74·5	73·4	72·2	71·9	71·8	70·7	70·5	70·8	70·0	70·5	72·0	74·9	77·5	80·2	81·3	81·7	82·0	81·8	81·4	75·8
11	80·4	78·4	77·1	76·4	75·7	75·0	74·4	73·9	72·8	72·9	73·0	72·5	72·0	71·6	71·9	72·7	75·7	79·1	80·3	81·9	81·4	79·7	80·6	80·4	76·2
12	79·5	78·6	77·8	76·8	76·6	76·5	76·0	76·0	74·8	74·1	73·5	74·1	74·6	74·0	73·6	75·4	75·5	79·2	81·3	82·2	82·6	82·5	81·7	81·4	77·4
13	80·5	79·2	78·1	77·6	77·4	77·1	76·6	76·3	75·5	74·1	72·7	72·1	71·5	71·4	71·5	73·2	76·2	78·4	80·3	80·9	82·3	82·5	83·2	81·9	77·1
14	80·5	78·8	77·6	77·4	77·1	76·7	76·1	74·6	78·8	73·0	72·5	72·5	72·4	72·0	72·0	73·2	76·4	78·9	80·5	82·4	83·4	83·5	83·5	82·8	77·1
15	81·6	79·7	78·5	78·2	78·2	78·1	78·0	77·6	77·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	78·4	77·6	76·8	76·0	75·3	75·7	77·8	80·7	82·3	83·4	83·9	84·2	84·3	83·6	83·9	79·6
17	83.0	81·0	79·9	79·6	79·4	79·8	78·9	78·6	78·5	78·3	78·1	77·6	77·0	76·5	76·5	79·0	81·3	82·4	83·5	83·7	83·6	83·4	83·4	83·0	80·2
18	82·0	80·5	78·8	79·3	79.0	79·6	78·6	78·3	78·0	77·8	77·6	77·4	77·2	77.1	77·4	78·5	80·7	81·5	81·9	81·5	82·6	84·0	83·6	83·4	79·9
19	82·3	80·8	79·7	79·3	78·9	78·7	78·4	78·3	78·2	77·7	77·2	76·6	76·0	75·7	76·0	77·9	77·3	79·4	80·3	81·7	81·1	82·5	82·8	82·0	79·1
20	80·6	79·6	79·0	78·7	78·4	78·2	78·0	77·6	77·5	77·2	77·0	76·8	76·5	76·1	75·7	77·7	80·2	81·7	82·3	82·5	83·0	83·4	82·6	82·4	79·3
21	81·9	80·5	78·6	77·7	76·6	75·5	75·2	74·6	74·3	73·9	78·5	73·5	73·5	73·3	73·0	75·0	77·7	80·0	82.0	82·5	83·4	83·0	83·0	82·5	77·7
22	82·0	80·5	79·6	79·4	79·4	79.1	78·7	78·0	77·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	78·0	77·7	77·4	77·0	76·9	77·0	76·9	77·4	80·8	81·9	83·4	84·5	84·9	84·4	83.6	79·8
24	83·4	81·5	80·2	79·9	79·6	79·5	79·4	79·4	78·7	78·6	78·6	78·6	78·6	78·3	78·0	78·5	80·5	81·3	82·6	83·4	83·5	83·0	82·5	82·7	80·4
25	82·5	81·1	79·7	79·4	78·9	78·7	78·6	78·4	78.0	78·0	78·0	78·2	78·3	78·2	78·3	79·6	81·8	84·3	85·8	85·6	86·4	86·2	85·5	85·4	81·0
26	84·4	82·7	81·3	80·8	80.1	80·0	79·4	79·3	79·8	78·8	78·4	77·7	77·0	76·6	76.4	78·3	80·5	81·4	83·3	84·8	85·7	85·8	85·9	85·5	81·0
27	84·5	83·3	81·4	80·6	80.2	80·0	79·7	79·6	79·5	79·2	79·0	79·0	78·9	78·2	77·6	77·3	77·4	78·8	81·7	83·4	82·9	80·5	82·2	81·7	80·2
28	81·0	79·8	78·8	78·6	78·6	78·1	78·5	78·4	78·4	77·9	77·5	76·9	76·8	76·2	76·6	77·4	80·0	81·1	82·8	82·7	83·9	84·2	84·0	83·8	79·6
29	82·5	81·6	81·5	80·4	80·2	80·0	75·8	79·6	79·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	77·9	77·7	77·5	77·2	77·5	77·7	79·0	80·7	81·8	82·5	83·3	83·3	84·4	84·0	83·5	80·6
31	88·0	81·7	80·2	79·5	79·2	78·3	77.0	76·2	75·5	75·1	74·8	74·3	73·8	73·9	74·3	76·3	78·7	80·3	81·4	82·5	82·3	83·1	83·0	82·6	78·6
Means.	81·6	80·1	79·0	78·5	78·1	77·7	77·2	76·8	76·4	76·2	75·9	75·6	75·3	75.0	75·0	76·5	78·5	80·4	81·8	82·7	83·2	83·2	83·0	82·6	78.8
FEBRUARY 1853.																									
1	82·0	80·7	79·6	79·0	78·5	78·2	77·7	77·3	76·5	75·7	75·0	74·4	73·8	73·7	73·7	75·5	78·0	80·4	82·2	82·7	88·8	84·3	84·3	83·3	78·7
2	82·6	81·2	79·2	78·2	77·4	77·0	77·0	76·8	76·2	75·6	75·0	74·9	74·7	74·5	74·0	76·0	78·3	79·6	82·0	82·7	82·9	83·1	83·0	82·5	78·5
3	81·7	80·2	78·3	77·8	76.9	76·4	75·3	73·2	73·0	72·5	72·0	71·6	71·1	71·3	71·5	73·6	75·9	77·9	80·4	81·0	81·8	81·9	81·8	81·2	76·6
4	80·3	75·0	77·2	76·1	75.0	73·3	73·0	71·6	71·4	71·5	71·7	71·4	71·0	70·0	69·7	72·2	75·4	78·1	79·7	81·3	82·5	83·3	83·8	83·6	75·9
5	82·0	80·2	77·0	75·3	73.7	72·5	71·6	70·8	70·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	70·2	69·8	69·4	69·0	68·6	68·8	71·7	75·0	77·7	79·7	81·0	81·9	82·1	82·3	82·2	75·1
7	81·5	79·7	78·6	77·3	76·5	74·8	74·2	73·2	72·5	71.9	71·4	71·2	70·9	71·0	71·0	73·2	75·8	78·5	80·4	82·3	83·2	83·0	83·0	82·5	76·6
8	81·9	80·2	78·5	77·8	77·1	75·5	75·0	73·8	73·4	72·7	72·0	71·8	71·6	71·5	71·4	73·4	77·0	79·7	81·5	82·3	82·8	82·7	82·5	82·0	77·0
9	81·5	79·9	78·5	77·8	77·3	77·0	75.8	74·8	73·6	72·5	71·5	70·8	70·0	69·5	69·5	72·7	76·7	80·0	81·5	82·3	82·6	81·8	81·9	81·4	76·7
10	81·0	79·5	78·1	77·6	76·4	75·0	74·4	72·9	72·8	72·1	71·4	70·6	69·8	69·9	70·0	71·8	75·7	79·0	81·7	81·5	82·8	82·5	82·3	81·7	76·3
11	80·9	79·6	78·1	77·6	77·6	77·4	77·3	76·4	75·4	73·9	72·5	72·3	72·0	72·1	71·6	73·6	77·2	79·7	81·0	82·0	82·7	82·5	82·8	82·1	77.4
12	81·3	79·6	78·0	77·4	77·3	76·9	75·2	74·3	73·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	70·7	70·5	70·3	70·0	69·1	69·2	71·6	75·2	78·0	80·2	81·4	82·6	83·0	82·5	82·2	76·2
14	81·7	80·0	78·1	77·1	75·7	74·2	73·1	72·0	71·5	70·6	69·8	69·2	68·5	68·4	68·0	71·0	74·7	77·6	79·4	80·6	81·3	82·2	82·3	82·0	75·4
15	81·9	79·8	76·6	74·1	72·7	71·9	70·7	69·8	69·6	69·1	68·6	68·1	67·5	67·5	67·4	70·4	74·3	77·5	79·7	81·1	82·0	82·3	82·6	82·5	74·5
16	81·8	80·0	77·8	75·2	73·3	72·2	71·2	70·5	69·7	69·1	68·5	68·0	67·5	67·6	67·6	70·6	74·4	77·5	79·4	80·6	81·6	82·2	82·4	82·3	74·6
17	81·7	80·0	76·7	75·0	73·5	72·4	71·6	70·7	69·9	69·2	68·5	68·1	67·6	67·5	68·0	71·5	75·2	77·8	79·8	81·3	81·8	81·8	82·0	81·7	74·7
18	81·2	79·8	77·5	76·4	74·4	73·2	72·5	71·7	70·5	70·0	69·6	69·3	69·0	68·8	69.4	72·1	76·0	78·5	†80·7	82·0	82·3	82·5	82·7	81·9	75·3
19	81·0	79·3	77·5	76·8	76·3	74·6	73·0	72·1	71·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	68·9	68·5	68·1	67·7	67·0	67·3	70·7	74·7	77·7	79·8	81·3	82·2	82·5	82·9	83·0	75·2
21	82·5	81·0	77.5	74·6	73·2	71·9	71·2	70·4	69·5	69·0	68·5	68·3	68·1	67·6	67·2	69·9	74·5	77·8	81·0	83·5	85·7	87·6	87·7	87·5	75·7
22	86·0	83·4	79·5	76·8	75·4	74·2	72·8	71·9	70·9	69·7	68·5	68·2	67·9	67·1	67·3	70·8	75·3	78·5	81·5	83·7	85·3	86·6	87·0	87·0	76·5
23	86·7	84·0	80·0	78·3	77·1	75·4	74·5	73·8	78·1	72·9	72·8	72·2	71·5	71·2	70·7	73·4	77·1	80·4	82·7	85·1	85·7	86·7	86·8	86·8	78·3
24	86·0	83·7	80·6	78·8	77·0	75·9	75·1	74·2	73·2	72·6	72·0	71·5	71·0	70·5	70·3	73·6	78·2	81·2	82·7	83·7	84·5	84·3	84·5	84·1	77·9
25	83·7	82·2	80·3	79·4	78·9	78·6	78·1	77·6	77.3	75·9	74·5	78·8	73·0	73·0	73·1	75·5	78·5	82·7	83·8	84·6	81·5	85·3	84·7	81·5	79·3
26	83·8	82·3	80·6	80·1	79·8	79·5	79·3	78·8	78·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	79·8	79·5	79·2	78·9	78·5	78·7	80·7	83·5	84·0	85·0	86·4	86·7	86·8	86·2	86·3	81·8
28	85·0	82·8	80·3	80·2	79·5	79·1	78.3	77·0	76·6	76·3	76·0	75·5	75·0	74·7	74·6	77·5	80·7	83·0	84·2	85·0	85·4	85·7	85·2	85·0	80·1
Means.	82·5	80·8	78·5	77·2	76·3	75·3	74·5	73·6	72·9	72·2	71·6	71·3	70·7	70·4	70·4	73·0	76·6	79·3	81·3	82·5	83·2	88·6	83·6	83·3	76·9

* The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means.

† Interpolated the observation having been missed on account of comparisons being made of newly arrived Thermometers. The brass covering of the bulb of the Thermometer was removed from this time.

DRY THERMOMETER (STANDARD.)

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4·41	h. m. 5·41	h. m. 6·41	h. m. 7·41	h. m. 8·41	h. m. 9·41	h. m. 10·41	h. m. 11·41	h. m. 12·41	h. m. 13·41	h. m. 14·41	h. m. 15·41	h. m. 16·41	h. m. 17·41	h. m. 18·41	h. m. 19·41	h. m. 20·41	h. m. 21·41	h. m. 22·41	h. m. 23·41	h. m. 0·41	h. m. 1·41	h. m. 2·41	h. m. 3·41	
MARCH 1853.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
1	84·0	23·5	81·0	60·4	79·7	79·3	78·2	77·0	75·5	74·6	73·7	73·1	72·4	72·8	73·1	76·4	79·8	87·7	84·2	85·5	86·4	87·0	87·0	88·5	79·7
2	85·8	84·0	81·3	79·7	78·1	77·2	78·3	75·5	74·7	74·1	73·8	72·4	73·9	72·2	72·0	75·8	78·5	81·2	82·7	88·5	87·3	87·5	87·5	87·0	79·4
3	86·5	84·5	81·7	79·9	78·4	77·4	72·8	75·8	75·3	74·6	74·5	74·2	73·9	73·6	73·5	76·7	79·6	83·9	85·6	87·9	69·5	89·5	69·0	88·3	80·4
4	87·5	85·3	82·7	81·2	79·8	75·3	79·1	79·0	78·4	77·2	78·0	75·6	75·2	74·0	74·5	77·5	81·0	83·7	85·3	86·9	27·4	87·9	88·3	58·2	81·5
5	86·8	84·8	22·4	81·5	80·7	80·1	79·7	79·4	78·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	78·2	77·6	77·0	76·3	75·5	75·0	78·1	81·3	83·9	85·5	88·4	87·2	87·4	87·5	87·2	81·6
7	88·4	84·4	83·1	80·9	79·8	78·5	77·8	78·9	76·5	75·2	74·0	73·5	73·0	72·9	72·7	75·4	80·0	22·9	64·5	85·3	86·5	86·9	26·7	86·7	80·0
8	88·0	83·7	80·7	78·4	77·2	75·7	75·3	74·5	73·0	72·2	71·5	70·8	70·0	69·8	70·7	74·5	78·3	81·4	83·1	24·8	85·5	88·3	86·8	26·8	78·2
9	88·0	83·8	20·6	77·9	72·3	74·7	72·4	79·3	71·2	70·7	70·8	70·4	70·5	70·0	70·3	74·0	77·7	80·8	83·3	84·8	85·9	85·4	85·5	85·7	77·5
10	84·8	53·2	80·8	79·8	79·0	77·5	75·7	74·5	74·2	74·1	74·0	74·1	74·2	74·0	73·8	76·8	79·9	82·5	84·9	88·6	87·7	89·5	88·5	27·4	79·6
11	82·4	84·3	22·1	80·7	79·0	77·7	76·2	75·7	75·0	75·0	72·0	74·8	74·5	73·2	72·8	76·7	79·7	82·9	86·8	88·8	90·5	91·6	91·8	91·5	80·9
12	90·5	88·0	85·2	83·4	61·8	80·1	78·2	77·8	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	77·8	76·9	78·2	75·4	74·7	75·1	78·5	81·8	84·9	87·9	90·5	93·5	23·0	59·8	91·7	83·0
14	90·0	87·4	84·8	83·1	82·0	50·9	79·8	78·0	77·7	78·0	79·3	77·8	76·5	75·8	75·6	75·1	81·8	65·2	88·0	10·4	10·5	90·5	90·5	90·0	83·0
15	89·7	88·2	83·6	82·4	81·4	79·5	78·0	77·0	72·3	75·9	75·8	75·2	75·0	74·9	75·4	73·3	81·5	84·7	87·3	67·2	88·3	88·7	88·8	29·0	81·7
16	88·1	25·8	63·1	81·4	79·9	79·0	78·0	77·0	76·1	75·5	75·0	74·8	74·2	74·5	75·2	77·7	81·4	83·6	85·5	88·0	89·1	90·0	10·2	90·0	81·4
17	88·7	28·2	83·9	82·8	82·3	81·5	80·7	79·2	72·3	72·3	77·4	77·0	78·8	76·0	76·2	79·1	82·2	85·0	87·7	89·5	90·3	89·5	89·4	88·5	22·9
18	87·7	85·8	82·6	82·4	81·5	79·5	78·3	77·8	77·0	78·3	75·7	75·2	74·6	74·4	75·0	78·7	82·2	84·6	67·2	87·6	89·4	88·9	89·8	58·8	81·7
19	27·2	85·5	83·4	81·9	80·4	79·2	78·1	77·3	78·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	76·7	76·0	75·3	74·2	74·3	74·7	78·9	82·7	85·2	88·2	87·7	88·5	88·8	88·4	88·1	81·5
21	87·2	85·0	82·6	81·8	81·4	81·0	79·7	76·6	77·8	77·3	78·2	78·0	75·0	74·5	75·5	79·4	82·6	85·6	87·5	29·7	89·0	89·4	89·8	88·9	82·1
22	88·0	85·8	23·4	83·8	82·9	82·0	81·8	81·2	80·5	79·8	79·2	78·4	77·5	77·1	77·2	81·0	84·2	87·0	28·0	89·7	90·4	91·1	91·9	50·7	83·8
23	85·5	86·9	21·8	84·1	83·6	85·1	82·9	83·0	81·7	80·8	80·0	78·7	77·4	77·1	78·0	81·4	85·4	87·2	89·2	90·1	90·7	91·2	91·3	90·8	84·5
24	90·0	88·1	85·5	84·5	84·0	83·8	83·1	83·5	89·2	82·8	79·4	78·5	77·5	77·5	78·4	81·4	84·9	87·0	89·1	90·5	90·7	90·6	89·5	90·0	84·6
25	88·5	66·8	84·3	83·7	83·4	63·0	82·1	80·6	79·8	79·4	79·1	79·0	78·8	78·2	78·8	83·0	86·0	86·7	87·5	88·8	89·4	88·9	88·3	87·8	22·8
26	85·4	84·4	83·8	85·8	83·5	83·0	83·8	23·0	62·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	80·2	80·5	60·8	21·0	61·3	81·4	82·0	82·3	82·3	81·3	82·7	83·8	84·0	84·8	82·5	82·6
28	20·5	20·8	80·3	30·7	80·5	80·4	80·7	80·7	21·0	81·0	81·0	81·2	81·4	21·5	82·4	79·8	83·4	86·9	27·0	87·0	88·8	88·8	88·4	88·0	83·0
29	85·8	84·4	82·9	82·8	82·1	82·0	81·9	81·6	61·5	81·5	81·5	81·1	80·7	80·8	81·9	82·0	33·1	56·7	88·1	68·4	89·9	89·4	89·5	88·7	84·1
30	87·5	85·7	83·6	83·3	82·9	82·7	82·5	82·4	82·4	82·1	81·2	81·5	21·5	81·0	80·8	81·8	84·7	80·0	83·9	87·0	89·8	89·1	89·0	88·3	83·9
31	87·5	84·9	83·6	82·9	83·5	84·2	81·2	80·2	80·3	80·1	79·9	79·6	79·2	75·2	80·8	55·2	88·6	88·0	89·2	91·1	93·2	91·4	90·8	89·8	84·8
Means.	87·1	85·1	82·9	81·7	80·8	80·0	79,2	78·4	77·9	77·3	78·3	78·4	78·0	78·6	76·0	72·6	81·9	84·3	88·2	87·8	85·7	28·9	88·9	88·4	81·9
APRIL 1853.																									
1	89·0	87·4	84·8	84·0	88·5	83·2	89·8	82·4	82·0	81·7	81·5	81·2	81·0	80·8	81·8	84·3	86·7	88·7	90·7	92·4	53·0	91·8	91·5	90·5	85·7
2	85·4	87·2	65·0	84·4	84·0	52·6	83·3	82·9	82·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	82·5	62·0	21·5	81·0	80·7	81·7	84·1	88·5	89·0	90·6	92·0	93·5	91·2	51·8	91·2	85·9
4	89·8	87·6	82·0	84·6	64·3	83·9	88·2	83·1	89·8	89·8	59·4	81·9	21·4	80·9	82·0	84·7	88·7	89·0	91·1	93·2	94·8	92·8	92·8	93·2	86·4
5	91·0	88·0	85·5	84·8	84·2	83·9	83·4	83·4	83·1	81·8	89·5	89·4	82·2	82·0	82·7	85·7	88·2	89·8	91·8	94·0	93·2	93·2	92·1	94·6	85·9
6	91·2	57·8	86·0	84·7	84·2	83·9	83·8	83·2	83·0	82·7	89·5	83·2	81·2	81·7	22·5	85·2	88·3	90·8	88·2	77·7	79·0	81·2	83·6	84·5	84·0
7	86·5	84·8	81·5	80·6	79·5	79·3	78·2	72·8	78·8	78·3	72·2	78·5	72·9	78·6	80·0	83·6	85·7	87·4	83·9	89·5	89·6	89·4	89·5	58·9	83·0
8	88·0	86·4	83·6	83·0	83·2	21·9	81·4	81·0	60·5	79·5	78·8	78·2	77·8	77·5	75·3	82·8	82·0	67·2	89·0	29·0	89·8	89·8	69·4	29·0	83·7
9	83·2	86·8	64·1	83·8	82·8	89·3	21·6	81·2	81·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	80·9	80·6	80·3	80·0	80·1	81·1	84·4	85·8	84·2	83·1	82·5	83·0	82·4	84·4	83·4	82·8
11	82·2	81·6	79·9	79·0	78·4	77·9	77·7	77·2	77·5	77·9	77·0	76·8	72·5	78·8	77·2	81·2	63·6	86·7	29·2	90·8	90·7	90·1	90·5	89·9	81·9
12	89·2	88·8	84·8	84·0	83·4	82·8	82·3	81·6	81·5	80·7	80·0	79·5	79·1	79·0	80·5	84·0	88·5	89·7	90·7	92·2	91·0	10·5	10·3	89·8	85·0
13	85·8	88·4	84·9	83·8	83·4	88·0	82·5	82·1	81·5	80·9	80·3	80·0	79·7	79·5	81·1	84·2	88·2	89·0	91·0	99·4	92·4	91·7	91·4	90·8	85·3
14	89·7	57·8	85·4	84·6	84·1	83·7	82·2	82·8	82·5	82·2	81·9	81·3	80·6	80·3	62·2	85·2	87·7	10·0	91·7	92·5	91·4	91·2	90·8	90·2	86·0
15	85·2	87·4	65·1	84·3	83·9	23·7	83·2	83·0	82·5	59·0	21·5	81·0	80·2	80·3	82·5	28·7	87·5	89·7	90·5	90·4	90·5	90·8	90·2	90·5	85·7
16	89·4	87·0	85·2	84·3	83·8	83·4	82·8	82·4	81·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	79·0	78·2	77·2	76·8	76·6	79·6	83·1	85·7	67·7	88·8	89·5	89·7	90·5	90·2	90·5	84·2
18	29·7	28·4	84·9	82·5	82·5	81·8	21·5	80·8	79·9	79·2	78·6	78·4	72·9	77·5	80·8	83·9	86·8	88·9	90·0	10·8	90·8	91·0	90·2	89·7	84·5
19	89·0	87·8	85·1	84·2	88·5	82·8	82·6	52·0	81·5	80·3	79·2	78·6	78·0	77·7	80·9	84·5	87·8	88·5	89·8	90·8	90·8	90·9	10·5	90·2	84·8
20	89·6	87·8	85·0	84·0	83·5	83·0	82·4	81·8	80·5	80·0	79·5	75·1	78·7	75·0	81·0	34·6	87·9	90·4	51·0	91·9	91·8	91·5	91·4	91·0	85·9
21	90·2	88·6	86·0	85·9	84·6	84·2	88·7	83·1	82·0	82·4	81·8	80·9	80·0	80·2	21·8	85·3	88·9	10·2	91·4	91·5	91·6	91·7	92·0	91·2	86·2
22	90·8	89·0	88·8	86·0	84·8	84·2	33·7	83·6	81·5	80·5	75·5	79·3	79·0	72·8	83·0	85·5	88·4	10·5	91·3	91·6	92·1	92·9	91·5	91·2	85·9
23	90·4	89·2	86·9	85·6	84·9	84·2	83·6	83·1	82·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	21·2	80·8	79·8	79·0	72·0	62·2	85·9	85·7	96·2	99·0	93·4	93·9	99·8	99·0	91·1	86·2
25	90·5	88·5	86·0	85·5	85·1	84·8	84·4	84·1	82·5	82·5	81·5	81·0	80·5	80·3	82·5	86·7	89·5	91·2	91·7	92·5	92·7	92·9	92·8	93·1	86·8
26	91·2	90·2	87·1	86·2	85·9	85·8	85·0	84·5	84·5	84·0	83·5	82·7	81·9	81·1	83·5	87·3	89·8	90·0	92·1	93·0	93·5	93·8	92·5	91·9	87·5
27	91·3	87·8	85·5	85·8	85·8	85·2	84·8	84·4	88·5	22·9	89·3	82·8	89·3	59·0	83·0	88·7	86·1	89·3	90·4	92·0	98·7	93·8	93·2	93·5	88·0
28	91·5	85·4	88·1	85·7	85·3	85·3	85·0	84·4	84·1	83·7	88·2	82·7	82·0	81·3	84·7	87·0	90·0	91·6	93·0	92·8	93·4	93·4	92·8	92·3	87·5
29	91·2	29·9	87·0	86·2	86·0	85·6	85·2	84·7	84·8	83·5	82·5	82·3	22·0	21·7	84·9	85·0	90·2	99·5	94·5	95·4	98·4	95·4	94·7	94·5	88·3
30																									
Means.	89·5	27·5	85·1	84·3	83·7	83·3	89·9	82·4	82·0	81·8	80·8	80·4	80·0	79·7	81·7	84·9	27·4	89·3	90·2	91·0	21·2	91·1	91·0	90·5	85·5

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily Means.

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DRY THERMOMETER (STANDARD)

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
April 30	93·2	91.7	88·3	87·3	88·8	88·0	85·5	85·1	84·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MAY 1853. 1	—	—	—	—	—	—	—	—	—	83·5	83·0	89·5	82·0	81·7	84·0	88.4	90·5	92·6	93·4	93·6	93·9	94·0	92·8	92.2	88·2
2	91·3	90·2	87·4	80·6	88·1	85·7	85·0	84·7	84·5	83·9	83·3	82·9	82·4	82·0	85·0	88·8	90·0	92·5	93·5	93·7	93·8	93·7	93·5	93.3	88·1
3	92·3	90·3	87·6	86·7	86·3	86·0	85·5	85·1	84·9	84·1	83·3	82·7	82·1	89·5	83·7	88·5	90·5	92·9	93·3	93·7	93·9	93·3	92·7	92.5	88·1
4	91·8	89·2	87·5	88·8	88·2	85·6	85·5	85·3	84·2	83·7	83·2	82·9	82·5	89·5	85·0	88·9	91·3	93·5	95·3	94·3	94·4	93·9	94·0	92.3	88·3
5	92·0	90·5	87·6	86·0	80·0	85·5	85·1	84·8	84·4	84·2	84·1	83·8	83·5	83·3	85·5	88·2	89·2	92·4	93·5	93·8	93·3	93·5	93·9	92.7	88·2
6	91·7	90·5	80·9	86·1	85·6	85·0	84·8	84.2	84·2	84·0	83·8	83·4	83·0	82·6	85·5	88·5	91.6	93·5	93·8	94·1	94·1	94·3	93·5	92.3	88·2
7	92·1	90·5	87·4	86·4	85·6	85·9	84·2	84·2	84·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	83·6	83·9	82·8	82·4	82·1	85·0	88·5	90·6	91·9	93·7	94·7	94·8	93·7	94·0	92.7	88·0
9	92·0	90·0	86·3	86·2	85·6	85·8	85·0	84·7	84·4	83·9	83·5	83·3	83·0	83·2	79·0	81·7	85·0	91·3	93·0	93·3	95·1	95·7	94·8	94.2	87·8
10	92·6	91·9	87·6	86·6	86·1	85·0	85·3	85·3	85·2	84·8	84·5	84·3	84·0	83·7	86·4	89·2	92·0	93·5	95·7	95·5	96·5	95·7	95·0	94·7	89·2
11	92·9	91·3	87·7	87·0	80·0	88·4	88·9	86·0	85·5	85·0	84·5	83·8	83·1	82·9	85.3	89·4	92·4	94·6	97·1	99·5	100·3	109·0	100·3	97·0	90·4
12	94·0	99·3	90·9	89·2	88·1	87·6	87·4	87·1	85·5	84·5	83·5	83·0	89·5	83·0	86·0	90·0	93·0	95·3	97·6	100·3	101·3	100·2	99.9	99·8	90·9
13	99·0	96·0	91·6	90·0	89·4	88·6	87·5	86·8	80·5	85·7	85·0	84·8	84·5	94·5	86·0	87·8	91·6	94·2	98·3	100·7	102·6	103·6	101·7	100·3	91·9
14	99·2	97·3	92·9	91·3	90·6	90·0	89·3	88·5	88·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	80·5	80·0	85·5	85·0	84·7	83·4	92·5	95·5	98·0	100·2	101·6	102·2	102·4	100·7	99·0	93·1
16	93·2	92·2	91·6	90·4	89·4	88·7	88·5	88·2	88·0	87·2	86·4	85·9	85·4	85·3	87·0	91·7	95·0	97·5	99·0	102·7	100·0	99.3	97·7	97·1	92·0
17	95·8	93·1	90·4	88·7	88·6	88·2	87·5	80·8	86·8	80·3	85·8	85·4	85·0	84·6	88·6	90·9	93·6	96·2	98·7	101·3	102·3	101·5	100·3	99·5	91·9
18	98·0	95·9	90·6	88·9	87·9	87·8	87·2	87·1	86·9	86·3	85·7	85·6	85·5	84·7	87·4	91·5	94·4	97·6	99·8	102·3	104·5	101·3	99·0	97·4	92·2
19	93·7	92·2	90·3	88·8	88·4	87·5	87·0	88·5	86·5	86·1	85·3	85·3	84·7	84·9	87·3	91·6	95·0	98·3	101·0	104·0	101·5	101·3	101·5	100·5	92·1
20	97·7	94·1	90·4	88·7	88·5	88·0	87·7	87·5	87·3	86·7	88·2	85·9	65·5	85·5	86·0	88·8	91·0	94·5	99·0	102·2	102·8	105·0	105·3	101·4	92·3
21	97.8	93·5	91·1	90·4	90·0	88·9	88·2	88·0	87·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	84·9	84·7	84·3	84·2	84·4	86·7	90·5	92·0	95·0	93·0	95·4	94·5	94·5	93·2	92·0	90·2
23	93·3	89·5	87·5	86·9	86·9	85·9	85·7	85·4	84·5	84·0	83·5	83·3	83·0	82·6	84·3	89·0	91·8	94·1	97·0	90·3	95·8	94·8	94·2	93·3	88·8
24	92·8	89·3	87·7	85·7	85·6	85·6	86·0	85·8	85·0	84·6	84·2	83·7	83·2	83·0	85·5	89·9	92·0	94·7	97·2	99·3	96·7	95·5	95·2	92·3	89·2
25	91·0	88·6	87·9	87·0	87·9	87·2	87·2	86·7	85·8	85·2	84·8	84·2	83·5	83·0	85·3	89·5	92·3	94·5	96·6	99·0	98·5	98·8	102·0	108·2	90·3
26	97·5	94·0	89·7	88·1	87·4	86·7	86·0	87·0	86·6	86·5	86·5	80·4	88·3	85·4	88·5	99·5	94·5	95·1	98·0	98·5	101·7	102·8	101·9	101·3	92·0
27	101·3	98·2	92·3	90·7	89·7	89·2	88·1	87·7	87·7	87·5	87·3	88·9	86·5	80·0	88·0	90·3	93·9	98·0	98·8	101·4	101·1	102·6	103·4	100·5	93·1
28	97·7	94·7	89·0	88·0	88·2	88·0	87·4	87·2	80·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	83·8	83·5	83·2	82·9	82·5	85·0	88·4	90·7	93·4	95·3	97·1	96·3	96·0	94·7	94·8	89·8
30	93·4	93·0	88·5	87·4	86·6	86·5	86·4	86·2	84·8	84·8	84·0	83·2	82·4	82·0	88·0	89·7	92.4	95·0	96·9	98·8	98·0	94·0	95·0	94·7	89·4
31	92·5	90·7	88·0	87·0	86·8	86·5	85·9	85·5	85·2	84·9	84·6	84·3	84·0	83·4	87·2	90·4	93·4	95·4	97·3	90·4	97·2	98·0	96·9	95·6	89·8
Means.	94·4	92·2	89·1	87·9	87·4	80·9	88·5	86·2	85·7	85·0	84·0	84·2	83·8	83·6	85·8	89·4	92·1	94·5	96·5	97·8	98·0	97·8	97·3	96·9	90·1
JUNE 1853. 1	94·9	92·3	89·2	88·1	87·8	87·6	87·0	88·5	85·7	85·4	85·2	84·8	84·0	83·7	86·7	89·5	92·0	92·8	90·8	93·0	98·8	101·4	102·5	101·5	90·9
2	96·5	95·5	91·4	89·8	88·4	87·7	87·5	87·0	88·8	86·5	86·3	85·7	85·0	84·5	87·0	91·5	93·9	96·0	98·5	100·9	102·3	103·8	102·0	102·5	92·6
3	106·2	104·6	99·0	96·0	95·0	94·2	93·0	91·8	91·0	80·0	88·2	87·8	87·0	88·5	83·9	91·5	93·7	95·5	97·7	100·7	102·0	103·9	101·9	102·5	95·5
4	100·3	97·5	94·9	95·0	94·5	93·8	92·0	91·0	89·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	88·9	86·5	80·1	85·8	85·5	87·5	91·5	93·9	95·8	97·4	100·6	101·7	103·3	101·5	105·8	94·2
6	99·4	93·0	95·7	94·2	92·5	91·6	92·0	91·8	90·7	89·8	89·0	88·4	87·8	87·0	69·6	92·5	95·2	90·0	99·5	101·3	102·9	103·8	101·0	99·7	94·5
7	99·3	95·8	92·7	91·4	90·4	89·9	89·1	88·9	88·6	88·7	88·9	88·9	87·5	87·4	89·7	93·2	95·1	96·8	99·4	102·0	103·5	102·6	101·2	99·5	93·7
8	97·2	95·0	91·0	90·1	89·0	88·6	88·4	87·7	87·3	87·5	87·8	87·8	87·4	87·1	89·1	91·8	94·0	90·3	99·0	100·5	102·6	101·9	100·6	99·4	92·8
9	96·3	92·3	90·3	89·2	88·2	88·2	88·1	87·9	87·4	87·1	86·8	86·6	80·4	86·8	89·9	93·3	95·5	97·8	100·9	101·7	103·9	102·0	102·2	101·5	92·9
10	98·4	94·0	91·6	90·6	90·4	89·7	89·2	88·9	88·0	87·5	87·1	88·4	85·7	85·0	86·3	88·5	90·0	93·5	95·0	90·3	90·2	92·3	89·6	89·8	90·4
11	89·5	87·9	86·5	86·0	85·8	85·0	85·4	85·0	84·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	84·9	84·9	84·9	84·8	84·9	87·9	90·2	93·2	94·6	95·8	97·5	99·4	101·0	95·5	96·0	89·6
13	94·0	91·0	89·3	88·0	87·0	80·0	85·8	85·5	85·4	85·3	85·9	85·0	84·7	84·3	80·8	90·3	92·9	94·0	95·5	97·9	100·0	102·1	98·9	95·2	90·5
14	93·0	88·5	88·5	87·2	86·7	86·3	83·8	85·0	84·7	84·9	85·9	84·9	84·6	84·4	85·5	80·7	88·6	92·8	94·6	96·0	96·0	96·1	96·5	96·5	89·0
15	98·0	94·2	92·0	90·7	89·8	89·2	88·0	85·8	8 50	85·0	85·0	85·0	85·0	84·5	84·9	85·2	85·9	87·4	89·6	92·5	94·6	94·4	93·9	93·3	89·0
16	91·8	89·0	87·0	88·5	86·2	80·0	85·9	84·0	82·8	82·5	89·5	81·8	81·0	80·2	79·9	80·4	81·8	84·2	85·6	88·1	89·3	90·3	92·0	93·0	85·5
17	92·5	90·5	89·9	88·6	87·8	87·8	86·8	80·5	84·5	83·8	83·1	82·9	82·6	82·6	83·3	84·8	87·7	90·9	92·3	93·0	94·4	95·5	97·5	96·7	88·5
18	94·5	84·5	84·0	84·0	84·2	88·8	83·4	83·1	82·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	86·8	85·5	84·7	88·9	82·9	83·5	85·3	89·1	91·8	94·8	98·5	97·5	93·6	98·5	97·4	88·4
20	97·2	95·7	94·0	91·8	88·5	87·7	87·0	86·3	85·3	85·1	85·0	84·3	83·6	82·3	85·3	90·2	93·4	95·4	98·4	97·2	100·0	99·0	99·3	98·5	91·2
21	99·5	97·9	99·0	89·0	86·7	87·0	86·0	80·2	85·6	85·1	84·7	84·4	84·0	83·3	87·0	90·2	94·0	95·5	97·7	98·7	99·7	101·6	101·2	99·0	91·5
22	92·5	89·7	88·4	88·3	85·3	85·5	85·9	85·1	84·7	84·3	84·0	83·3	89·6	81·8	84·4	86·4	89.3	91·7	94·4	96·5	98·0	99·9	101·9	101·8	89·4
23	98·3	91·9	89·0	88·2	87·6	87·4	87·7	88·0	87·6	88·8	86·0	85·4	84·7	84·4	85·5	89·6	91·4	94·4	95·3	97·5	98·6	101·7	101·6	100·5	91·2
24	97·7	91·2	88·9	87·0	87·1	86·5	86·2	80·0	85·6	85·7	85·9	85·3	84·8	84·2	84·7	87·0	90·4	92·9	95·5	97·5	97·2	98·1	98·0	98·0	90·1
25	96·4	92·7	90·9	90·2	89·3	88·0	88·0	87·8	87·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	87·4	86·8	86·2	85·5	85·4	86·5	89·3	91·3	95·2	97·3	99·0	101·0	100·7	100·4	100·2	91·8
27	98·7	96·9	90·4	88·7	87·6	86·3	86·0	85·2	85·0	85·3	85·8	84·8	83·9	83·5	86·3	89·9	91·8	93·8	96·2	98·3	100·7	101·7	101·3	101·6	91·2
28	97·3	94·4	90·0	88·9	87·5	87·2	86·6	86·2	85·6	85·6	85·6	85·1	84·6	84·0	86·8	89·4	92·0	94·5	98·7	97·7	99·5	101·0	102·0	100·3	91·2
29	94·8	91·4	87·1	80·7	85·5	84·3	84·0	83·7	84·4	83·6	82·8	89·4	81·9	81·9	82·4	84·6	87·7	88·7	92·2	96·3	98·5	99·5	99·0	98·0	88·4
30	92·8	87·1	80·1	98·5	86·0	85·5	84·7	84·5	84·2	83·8	83·5	83·1	82·7	82·5	82·8	84·5	80·9	90·0	92·2	94·5	97·2	99·0	99·5	98·7	88·3
Means.	96·3	93·0	90·4	89·3	83·3	87·8	87·2	80·7	80·2	85·9	85·7	85·2	84·7	84·3	88·1	88·8	91·2	93·4	95·6	97·6	99·1	99·8	99·8	98·9	90·9

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily Means.

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DRY THERMOMETER (STANDARD)

	Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	Madras Mean Time.	P.M. h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41 *	h.m. 14.41	h.m. 15.41 *	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41	
		°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
JULY 1853.	1	95·4	91·4	86·5	87·7	87·1	86·8	88·8	86·0	88·0	85·8	85·8	85·1	84·5	83·7	84·8	88·0	91·8	98·8	92·8	94·4	98·8	97·3	97·0	98·3	89·8
	2	95·6	94·2	92·8	91·9	91·0	90·3	89·6	89·0	87·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	3	—	—	—	—	—	—	—	—	—	85·8	85·4	85·0	84·6	84·8	87·5	88·3	91·0	93·9	93·3	97·8	98·8	101·2	100·6	100·0	91·7
	4	97·7	87·1	85·4	84·9	84·0	83·5	83·4	83·8	82·9	82·5	82·8	81·8	81·4	81·2	81·7	88·1	88·8	89·0	91·5	98·5	04·2	94·8	86·0	85·0	86·1
	5	88·7	79·5	79·5	79·3	79·5	79·5	79·5	79·4	79·0	79·1	79·3	79·1	78·8	78·7	79·8	82·5	85·5	89·4	91·4	93·4	95·4	91·8	90·7	87·5	83·3
	6	80·9	80·6	81·1	82·6	82·5	82·5	88·0	81·8	88·7	88·8	81·0	80·7	80·3	80·5	81·4	83·5	86·1	88·9	90·5	92·7	93·8	93·7	92·7	92·0	84·7
	7	90·9	88·3	88·9	85·4	84·5	84·4	83·3	82·0	82·0	81·5	81·0	80·8	80·5	88·3	81·2	83·2	86·4	90·5	92·2	93·8	93·8	95·3	96·8	94·2	86·6
	8	04·0	92·8	89·9	87·5	88·5	88·5	86·8	85·8	85·8	84·8	83·7	83·3	82·3	82·8	88·6	83·7	85·8	87·7	88·9	89·1	90·1	90·5	91·7	92·0	87·8
	9	90·4	83·5	88·8	85·8	85·0	84·8	84·0	83·8	83·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10	—	—	—	—	—	—	—	—	—	81·3	81·1	80·9	80·6	80·2	80·6	81·7	84·7	86·8	88·4	91·0	93·4	94·8	96·4	94·6	88·1
	11	94·1	91·4	89·6	88·8	87·8	86·9	88·9	85·8	85·1	84·5	84·0	83·0	89·0	88·7	81·4	83·5	88·1	89·9	92·8	93·8	95·4	95·4	94·5	95·1	88·3
	12	94·6	92·5	91·8	89·8	89·8	87·8	86·6	85·2	85·8	84·8	83·1	82·6	82·0	81·8	82·0	83·0	88·8	88·8	91·4	93·5	95·3	98·8	95·8	96·2	88·5
	13	96·5	92·2	88·5	80·1	85·9	85·0	85·0	84·5	84·4	83·4	82·5	82·1	81·7	88·9	83·1	87·1	89·5	89·7	91·8	93·6	96·5	98·0	98·7	95·5	88·4
	14	87·7	88·3	87·8	87·4	87·0	88·8	88·2	85·5	83·9	83·8	83·3	82·6	81·9	80·7	81·0	84·7	87·5	91·0	93·2	93·4	95·8	98·2	95·8	98·4	87·8
	15	93·7	92·6	89·6	86·4	85·9	85·3	84·5	84·5	84·8	84·5	84·3	83·9	83·5	83·2	84·0	84·7	86·8	87·4	88·9	98·5	94·8	94·8	94·2	93·9	87·8
	16	94·8	92·4	87·8	85·4	84·5	85·0	85·9	85·8	86·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	17	—	—	—	—	—	—	—	—	—	85·6	85·0	84·4	83·8	83·5	85·7	88·4	98·0	99·5	93·7	96·5	97·8	99·4	100·1	100·6	89·7
	18	99·7	98·9	94·8	93·3	91·5	90·9	98·2	89·2	88·0	86·9	85·8	84·8	83·8	83·0	85·3	86·3	88·7	91·1	93·8	95·5	98·0	99·7	100·0	99·8	91·5
	19	05·4	90·8	88·7	88·2	87·5	88·0	90·0	89·5	88·1	87·0	86·0	84·9	83·8	83·5	84·8	88·8	88·8	89·7	92·3	93·4	95·5	95·8	98·0	98·1	89·8
	20	97·6	95·2	93·9	92·8	98·8	90·5	89·5	88·0	87·0	88·0	85·0	84·3	83·5	88·7	84·6	86·7	89·0	91·0	92·9	94·8	95·8	98·0	96·9	98·2	90·8
	21	96·0	94·8	92·5	90·8	89·1	89·1	86·6	85·0	85·0	84·7	84·4	84·1	83·7	83·2	84·4	88·4	90·8	98·0	94·8	95·1	97·4	97·8	88·5	100·0	90·8
	22	94·4	91·3	86·1	84·1	83·8	83·4	83·1	83·8	83·5	83·2	82·9	88·5	82·1	81·5	82·9	86·8	87·3	98·7	92·6	94·3	96·0	98·5	99·4	100·4	88·0
	23	90·6	91·0	88·0	87·8	88·8	85·0	83·7	83·2	82·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	—	—	—	—	—	85·3	84·8	83·9	83·2	83·8	83·8	85·8	88·2	91·0	98·0	94·3	96·3	99·0	99·8	95·5	88·5
	25	98·9	87·8	84·8	85·8	85·2	84·5	84·0	83·0	89·8	81·6	80·4	80·4	88·3	88·8	81·5	84·7	87·4	89·9	91·8	92·8	95·0	98·8	95·7	99·8	86·8
	26	89·8	87·8	86·3	85·8	85·1	84·0	84·9	84·5	84·0	83·2	82·5	82·0	81·5	81·0	83·3	87·2	89·4	90·5	98·7	95·1	96·0	94·6	94·8	93·5	87·5
	27	91·6	89·5	86·8	88·1	85·9	84·4	83·8	83·5	83·0	89·9	82·8	82·2	81·5	80·7	89·2	85·5	88·2	91·0	92·7	94·8	94·5	93·7	95·0	94·3	87·3
	28	94·5	90·2	87·1	85·6	85·0	84·1	83·6	88·3	83·0	82·8	82·7	82·3	81·8	81·3	82·9	86·9	90·2	92·3	94·2	95·3	96·2	95·5	93·8	98·0	87·8
	29	98·0	88·4	86·8	85·4	85·0	84·5	84·1	83·5	82·8	82·4	82·0	81·8	81·5	81·0	82·5	88·6	89·3	91·7	94·0	96·2	98·4	96·2	95·2	93·2	87·5
	30	91·6	89·5	87·5	86·8	85·8	84·8	84·0	83·7	83·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	31	—	—	—	—	—	—	—	—	—	83·5	83·2	82·9	82·6	81·8	83·8	85·6	88·5	91·7	94·0	95·4	87·6	95·7	94·3	92·4	87·9
	Means.	92·7	90·1	87·9	86·9	88·2	85·7	85·3	84·8	84·2	83·7	83·8	83·7	82·9	81·7	88·8	85·4	88·0	90·4	98·2	94·0	95·8	98·8	95·8	94·9	88·8
AUGUST 1853.	1	91·1	89·9	87·0	86·0	85·5	84·4	83·8	83·8	83·8	83·5	83·3	88·8	83·1	83·3	84·5	88·0	88·6	90·7	93·8	94·5	97·0	98·8	98·8	94·9	88·8
	2	93·7	90·4	88·8	87·1	87·1	88·4	85·8	84·6	81·5	80·5	79·5	79·3	79·0	79·5	81·8	83·3	87·8	98·7	98·7	94·5	96·8	95·8	98·0	88·7	86·9
	3	92·3	92·8	87·7	88·5	85·0	83·7	83·5	82·8	82·8	81·3	80·6	80·6	80·8	88·2	82·1	85·8	88·3	91·7	93·8	95·3	95·7	97·0	96·5	95·3	87·5
	4	93·8	91·5	88·3	87·8	88·5	86·3	88·0	85·5	85·8	84·8	84·5	83·3	88·8	81·6	82·8	83·7	87·8	90·9	92·5	93·2	96·7	96·8	94·6	98·2	88·4
	5	93·5	92·0	88·2	88·7	85·5	85·2	85·0	84·8	84·5	84·3	84·0	83·3	89·5	89·0	82·5	84·9	87·0	91·4	90·8	98·1	91·1	92·2	93·5	93·3	87·5
	6	98·0	91·1	87·8	88·8	85·5	85·8	85·0	85·8	84·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	7	—	—	—	—	—	—	—	—	—	81·7	81·5	81·8	81·0	81·0	88·3	86·6	89·8	92·3	93·6	98·3	93·5	94·1	94·1	93·3	87·7
	8	93·3	98·7	87·5	86·2	85·8	85·8	85·4	85·2	84·8	84·1	83·8	88·8	89·5	82·3	84·4	86·5	89·0	91·5	92·4	95·3	97·3	95·0	91·8	92·6	88·2
	9	83·2	85·5	85·7	85·3	85·1	85·0	84·6	84·2	82·4	81·4	80·8	79·8	79·0	78·9	88·9	83·0	86·2	88·2	90·8	88·2	88·5	90·0	90·4	98·6	84·9
	10	98·5	98·0	88·0	85·0	84·8	83·8	83·5	83·8	83·0	82·7	32·5	81·3	80·0	78·5	77·7	78·8	78·4	79·8	82·4	34·8	35·8	87·8	89·3	89·0	83·6
	11	85·5	86·8	83·5	82·4	81·2	80·8	80·5	80·0	80·3	79·4	78·4	78·2	77·9	77·0	78·0	81·0	83·0	84·9	89·4	91·8	86·5	86·3	84·5	85·1	82·7
	12	84·4	84·9	82·8	88·0	81·8	81·8	81·7	81·8	81·0	80·8	79·0	78·8	78·5	77·9	79·7	89·7	85·6	87·8	90·3	91·3	91·4	91·7	91·2	89·9	84·0
	13	89·7	88·3	85·5	84·4	84·0	83·7	83·3	82·7	89·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	—	—	—	—	—	—	—	—	—	82·1	81·8	81·5	81·2	88·3	88·8	83·9	83·5	88·9	89·0	92·7	84·0	95·1	93·4	87·3	85·7
	15	84·7	85·2	95·0	84·8	84·4	83·1	88·4	81·8	81·5	81·5	81·5	81·3	81·8	80·5	82·4	84·8	86·9	89·7	91·3	93·5	94·8	96·1	91·2	89·3	85·8
	16	89·3	82·8	81·4	81·4	81·7	81·2	81·4	81·1	81·0	88·8	79·4	79·2	78·9	78·4	78·7	81·1	88·6	84·6	88·3	88·1	98·8	91·8	90·5	89·9	83·4
	17	89·9	88·0	85·2	84·1	83·7	83·4	89·9	82·4	82·0	81·5	81·8	80·7	80·4	80·0	82·0	85·2	87·5	90·8	91·4	81·7	90·7	89·8	89·0	89·2	85·5
	18	88·8	87·7	85·4	84·8	84·0	88·3	88·7	81·8	81·3	80·8	80·3	79·7	79·0	78·8	81·8	84·5	88·8	88·5	98·0	81·5	91·7	91·7	90·8	98·8	85·2
	19	90·3	89·2	88·1	85·0	84·4	83·8	83·5	83·2	83·0	82·5	82·0	81·8	81·8	80·8	82·4	82·0	88·0	98·2	91·8	94·8	96·0	90·8	93·8	92·5	58·7
	20	98·5	89·5	87·7	86·5	88·0	85·8	85·4	84·8	83·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	—	—	—	—	—	—	—	—	—	88·1	88·4	88·7	81·0	81·3	81·9	82·8	84·7	86·4	87·5	89·3	89·3	89·4	89·1	88·7	85·6
	22	87·5	88·5	85·4	85·8	84·3	84·0	83·2	82·8	80·8	81·8	81·2	81·1	81·8	80·5	80·7	81·8	82·9	84·5	87·8	80·3	92·0	92·8	92·5	92·0	85·0
	23	91·5	98·0	88·0	86·5	85·7	35·1	84·8	84·5	84·4	84·1	88·8	83·8	82·7	82·8	88·8	84·3	87·5	89·3	90·5	90·7	91·7	93·8	94·7	94·5	87·4
	24	94·3	92·5	89·5	87·1	86·2	85·8	85·1	84·8	84·5	84·8	84·0	82·8	81·8	81·0	81·9	88·1	84·8	87·3	88·5	89·0	98·5	01·0	91·0	90·7	88·7
	25	90·2	88·8	88·4	88·3	84·9	84·7	84·3	84·8	84·0	83·6	83·8	89·8	82·4	81·9	83·9	86·3	88·6	90·7	92·7	93·8	97·8	93·0	91·9	98·4	87·5
	26	92·3	88·8	85·6	85·7	82·9	82·3	82·2	81·9	80·0	81·8	80·5	80·4	80·3	79·3	81·0	84·0	87·4	88·6	91·7	93·3	93·3	98·8	98·5	93·5	88·4
	27	90·0	88·8	88·0	88·0	85·3	84·5	84·1	82·8	82·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	—	—	—	—	—	—	—	—	—	87·2	86·0	84·8	88·5	83·6	83·3	83·8	84·8	88·0	90·3	92·4	93·8	93·8	94·2	95·2	87·1
	29	93·9	92·3	91·8	89·8	88·5	87·8	88·8	85·7	85·5	85·3	85·2	84·6	83·9	83·2	83·0	84·8	88·9	89·3	91·3	98·6	95·1	93·8	93·7	94·3	83·7
	30	84·0	91·8	88·4	85·6	85·3	84·9	84·5	84·8	84·0	83·7	83·4	83·0	82·3	82·0	88·4	85·8	88·3	90·0	90·7	93·7	96·3	97·5	97·0	96·3	88·0
	31	96·2	95·8	98·6	90·6	89·4	83·6	88·4	87·8	87·4	86·4	85·4	84·5	83·5	82·5	84·0	85·8	89·4	91·2	92·8	94·3	95·4	96·3	97·2	97·1	90·1
	Means.	90·8	89·1	86·7	85·7	85·0	84·4	84·0	88·5	83·1	82·6	82·1	81·8	81·1	80·7	81·9	84·0	86·5	88·8	90·5	92·3	93·1	93·2	92·7	91·8	86·5

* The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means.

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DRY THERMOMETER (STANDARD.)

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23.	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
										*		*													
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
SEPTEMBER 1853.																									
1	95·7	94·8	91·6	90·5	90·1	90·0	89·8	89·5	87.8	86·6	85.3	84·8	83·6	83·2	88·7	86·7	88·6	89·8	92·2	95·0	95·4	97·5	90·4	99.5	90.4
2	97·2	95·7	93·6	92·8	91·6	90·8	89·7	88·9	87.7	86·8	85·0	84·0	83·0	82·8	83.4	86·5	88·5	21·8	92·6	95·2	98·6	99·4	1.008	09.9	91.0
3	97·6	95·5	91·4	89·8	88·7	87·9	87·6	86·8	88·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	84·2	84·2	84·9	84·2	82·0	84·4	85·8	85·5	91·6	98·8	95·8	97·7	94·0	94·2	92·7	89·6
5	91·3	89·8	87·8	87·0	85·4	85·7	85·4	84·3	84·7	84·6	84·6	83·4	82·2	81·8	82·4	84·9	87·0	89·0	93.1	94·8	98·8	98·7	96·2	98·9	88.1
6	93·1	83·9	87·2	86·8	86·1	88·1	85·4	85·8	84·7	84·8	83·8	83·8	83·7	81·8	78·5	79·2	78·7	79·8	80·6	81·8	84·5	85·5	87·2	87·6	84.3
7	85·8	88·2	84·1	83·4	82·8	82·2	81·9	81·4	81·8	80·8	80·5	80·5	80·4	80·9	80·8	89·8	87·0	89·8	90·8	92·2	91·2	98·8	92·7	91·0	85·4
8	90·7	83·5	85·6	85·7	85·2	84·5	84·6	84·0	83·5	85·2	83·0	82·3	81·6	80·8	81·8	83·1	85·5	86·1	87·6	89·9	92·0	92·5	91·8	84·5	85·8
9	86·8	86·5	84·6	84.1	83·6	83·4	83·5	82·8	82·7	82.8	83·0	81·9	81·8	81·5	83·2	84.3	88·0	88·7	90·8	90·5	93·4	98·1	91·7	91·1	85·9
10	89·4	87·5	85·8	84·8	83·7	83·5	83·1	82·6	82·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	85·1	82·2	82·7	82·5	82·4	82·5	84·0	84·7	86·5	90·0	92.5	98·2	94·8	94·5	91·6	86.2
12	92·5	89·3	85·6	85·6	85·9	85·0	84·7	83·7	83·6	82·7	81·0	81·3	80·6	80·4	82·0	84·8	87·0	89·1	91·1	92·9	94·1	95·5	93·0	92·5	86.7
13	91·8	88·2	86·4	85·8	84·9	84·5	84·4	84·4	84·0	88·2	82·4	88·5	82·5	82·4	83·8	87·1	88·5	89·9	91·7	92·5	92·7	92·0	91·5	90·7	86.9
14	90·4	88·5	85·8	85·7	85·1	84·5	84·0	85·5	82·8	82·1	81·8	81·7	81·6	81·8	82·4	84·9	87·8	90·0	92·4	93·8	95·8	94·1	91·7	92·2	88.8
15	90·5	87·5	86·6	85·6	84·9	84·6	84·5	84·3	83·5	85·1	82·4	81·4	80·4	79·8	81·6	84·8	87·7	90·6	82·8	98·0	96·0	94·2	82·8	84·0	86.6
16	84·5	85·2	84·8	81·8	81·5	81·5	81·2	80·2	80·2	80·1	80·0	79·9	79·8	79·6	80·9	83·8	86·8	85·4	90·4	91·8	91·4	91·7	90·7	90·3	84·4
17	88·3	85·9	86·0	85·6	85·8	85·0	84·0	83·0	88.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	80·9	81·0	81·1	81·2	81·3	81·6	85·8	86·0	88·4	90·8	92·1	93·4	92·8	92·0	92·4	88·0
19	88·9	85·8	84·8	88·7	82·9	82·8	82·8	81·8	81·3	81·1	81·0	80·9	80·8	80·8	80·7	78·5	79·5	82·7	86·0	87·8	90·8	93·8	93·2	91·4	84·3
20	85·5	80·8	79·5	80·1	80·2	79·3	79·7	79·5	79·5	79·5	79·1	79·0	78·9	78·7	81·2	83·6	86·4	87·9	89·8	91·9	98·2	98·4	99·4	90·6	83·7
21	88·7	87·5	86·4	86·0	85·6	85·2	85·0	84·1	83·5	82·9	81·0	80·6	80·1	80·0	80·4	82·0	83·8	84·7	86·8	87·8	89·4	90·0	89·8	87·5	84·9
22	86·6	85·7	85·2	84·8	84·4	83·8	85·4	83·2	83·5	81·9	81·3	80.3	79·8	79·4	78·8	82·0	85·5	88·4	90·6	92·5	99·3	92·2	92·3	92·0	85·4
23	90·0	87·2	86·5	85·5	85·8	85·8	81·6	88·9	83·3	82·8	82·3	81·7	81·1	80·7	81·0	88·5	86·6	89·6	90·8	91·3	91·8	91·9	91·6	90.7	86·3
24	89·0	87·3	86·7	85·9	82·0	81·8	80·5	80·0	79·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	81·0	80·8	80·2	79·8	79·5	80·8	84·2	87·2	90·2	92·4	94·5	96·5	86·8	94·8	94·0	86·0
26	90·8	86·4	84·1	84·0	84·2	85·0	84·7	84·8	83·1	89·8	81·6	81·1	80·5	80·8	81·6	84·6	87·8	90·8	92·5	95·0	96·7	97·5	98·3	98·5	87·3
27	94·0	90·5	88·8	87·4	86·4	85·7	85·0	84·6	84·1	83·8	82·8	81·9	81·8	81·8	88·5	86·3	89·4	92·4	94·8	97·6	99·6	87·3	87·8	86·7	88·0
28	87·6	84·7	84·3	83·8	84·0	83·9	82·9	82·4	82·2	81·7	81·8	81·3	81·3	81·1	81·9	85·2	87·8	90·7	93·4	95·8	95·2	94·0	94·0	93·7	86·5
29	91·0	88·6	87·5	88·4	84·8	84·3	88.7	85·6	82·7	81·9	81·8	81·4	81·5	81·0	81·9	84·1	88·4	91·5	94·0	95·4	96·6	98·7	98·4	95.9	87·6
30	90.7	89·5	85·5	87·8	87·1	86·4	86·0	86·0	84·7	83·8	82·6	81·1	79·5	79·8	80·7	85·0	87·8	90·8	93·3	95·8	96·3	97·8	97·5	96·0	88·0
Means.	90·4	88·5	86·5	85·7	85·1	84·7	84·3	83·8	83·8	82·8	82·1	81·7	81·3	80·9	81·7	84·0	86·5	89·8	90·9	92·7	94·2	94·9	93·0	91·9	86·6
										*		*													
OCTOBER 1853.																									
1	92·4	89·8	87·4	86·8	85·8	83·8	82·8	82·8	81·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	80·4	80·3	80·8	80·2	80·2	80·7	82·8	87·8	91·8	98·8	98·7	97·0	97·8	97·8	96·8	87·3
3	95·8	98·4	90·8	89·0	86·7	85·0	85·0	85·2	84·8	84·8	83·8	82·9	83·0	82·0	83·6	85·7	89·0	92·0	93·7	96·8	97·0	96·4	97·7	03·8	89·0
4	92·2	88·2	85·4	85·6	83·0	82·9	82·9	82·7	82·0	81·6	81·3	81·0	80·7	80·3	80·7	82·2	84·5	87·7	89·7	91·8	98·6	94·0	94·5	93·5	85·8
5	92·8	90·0	88·1	87·6	86·7	85·8	86·0	85·4	84·0	83·1	89·2	82·0	81·8	81·7	83·5	84·6	85·8	90·0	92·0	93·8	98·5	96·6	96·6	92·8	87·9
6	91·0	88·0	86·3	85·7	85·0	84·6	84·2	83·8	82.5	82·1	81·7	81·4	81·0	80·7	82·2	84·7	87·6	90·0	98·8	92·7	92·8	92·3	91·8	91·4	86·5
7	89·8	87·8	86·4	85·7	85·5	85.1	84·8	83·6	82·6	81·5	80·5	80·4	80·2	79·7	81·1	85·1	87·4	89·6	91·7	92·8	81·5	91·0	90·6	89·8	86·0
8	88·8	87·4	88·0	85·5	85·0	84.6	84·8	83·6	83·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	81·1	80·8	80·5	80·2	79·5	80·4	88·9	87·2	88·7	89·8	91·2	90·2	91·0	89·8	88·1	85·4
10	87·2	86·5	84·3	84·3	85·7	83·3	83·2	85·0	82·7	82·1	81·5	81·0	80·5	80·2	80·8	82·8	84·3	87·0	88·5	90·8	91·8	91·1	91·1	89·6	85·0
11	87·5	86·0	84·5	84·0	83·0	82·2	81·8	81·1	80·0	79·5	79·1	78·8	78·7	78·5	80·0	83·7	85·5	87·5	88·8	91·6	91·8	91·8	90·7	90·9	84·4
12	88·4	86·4	84·9	84·8	83·7	85·2	82·4	81·4	80·0	79·7	79·5	78·7	77·8	77·7	79·5	88·0	84·9	87·5	88·7	90·0	90·7	90·6	90·6	89·4	84·3
13	88·1	86·1	84·8	84·0	83·7	83·4	85·2	89·6	82·0	80·5	79·1	78·6	78·0	77·5	78·7	82·4	85·3	87·6	89·7	90·8	92·0	91·4	90·8	90·8	84·6
14	86·5	86·0	84.6	84·8	85·8	83·4	82·9	82·4	80·5	79·4	78·4	77·8	77·2	76·5	77·7	82·0	86.0	87·8	88·1	89·7	89·8	89·3	89·0	88·4	83·9
15	86·4	85·0	84·0	85·8	83·5	83·2	82·6	82·5	81·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	79·8	79·7	79·7	79·8	78·9	80·0	83·8	85·8	87·8	88·3	88·5	83·4	88·0	87·4	86·7	85·9
17	85·8	84·8	88·8	83·0	82·9	82·6	83·4	81·9	80·1	79·5	79·5	79·1	78·7	78·2	79·9	82·5	85·4	87·3	88·6	89·8	89·5	89·2	88·4	87·5	85·7
18	85·4	84·8	84·4	84·1	83·9	83·8	83·4	83·4	83·0	82·6	82·9	81·6	81·0	80·7	81·6	84·2	86·7	89·3	90·3	91·0	83·1	78·8	81·4	83·6	84·1
19	84·7	83·0	82·0	81·5	80·4	79·9	79·6	79·5	79·0	75·6	78·3	78·0	77·7	77·5	73·3	80·7	83·4	85·8	87·7	88·3	88·8	88·5	87·8	85·7	82·3
20	84·6	83·5	83·0	82·6	89·5	81·9	81·2	80·5	80·6	80·4	80·4	80·3	80·8	80·8	75·7	78·5	80·5	88·9	79·0	75·8	81·8	83·4	82·6	83·4	81·2
21	82·6	81·2	80·6	80·5	80·3	80·0	79·7	79·7	75·5	75·9	74·3	75·6	75·8	76·0	77·1	79·7	80·7	78·7	81·8	81·9	75·7	79·8	80·9	81·4	79·2
22	80·6	79·8	79·2	79·0	78·9	78·8	78·8	78·0	77·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	79·5	79·0	78·5	78·0	78·4	79·4	82·0	85·0	85·5	85·7	86·8	88·2	87·9	88·2	87·4	81·7
24	85·8	84·0	83·1	82·7	82·4	82·1	81·8	80·5	80·0	78·5	77·0	76·8	76·6	76·8	77·6	80·2	83·0	85·8	86·5	87·0	87·4	87·8	86·5	86·2	82·3
25	85·5	85.7	82·8	82·8	81·9	80·9	80·2	79·7	79·7	79·2	78·8	78·6	78·4	78·8	78·8	79·9	84·0	85·7	86·8	86·5	86·7	87·5	87·3	87·9	82·6
26	85·0	83·5	82·6	82·2	81·0	79·9	80·0	80·0	79·6	75·8	79·0	78·4	77·8	77·5	79·5	80·6	84·4	85·8	85·5	86·4	85·5	85·8	85·8	84·8	82·0
27	83·8	82·5	81·7	81·6	81·6	81·2	80·8	80·8	80·5	80·2	80·0	79·0	77·9	77·4	78·6	81·4	83·6	81·3	85·1	86·0	86·8	87·0	85·6	83·5	82·1
28	82·0	81·4	80·1	80·2	80·3	80·0	77·6	76·0	74·9	75·8	75·4	75·5	77·5	77·8	79·6	81·0	80.7	82·0	82.8	84·5	81·8	81·5	81·5	81·9	79·7
29	80·7	77·8	78·7	76·6	75·8	78·5	76·5	77·0	77·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	74·7	74·7	74·7	74·7	75·3	75·5	75·9	74·8	78·2	77·8	79·7	80·8	81·6	81·4	81·5	77·2
31	81·0	80·3	79·0	77·1	77·1	77·1	75.6	78·1	78·6	76·5	70·4	76·4	76·3	77·7	80·2	81·5	83·0	84·8	85·3	85·8	83·2	83·8	81·5	77·6	79·5
Means.	88·8	85·0	83·7	85·8	83·6	83·1	81·8	81·2	80·6	79·6	79·4	79·1	78·8	78·8	79·8	82·0	84·6	88·8	87·6	88·7	88·8	88·6	88·4	87·8	83·5

* The numbers in these columns are not observed ; but interpolated for the sake of obtaining the daily Means.

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DRY THERMOMETER (OLD STANDARD.)

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	°	°	°	°	°	°	°	°	°	* °	°	* °	°	°	°	°	°	°	°	°	°	°	°	°	°
NOVEMBER 1853.																									
1	78·6	79·4	79·3	79·4	78·7	79·2	79·3	79·5	79·3	78·8	78·4	78·3	78·2	77·4	77·8	77·2	75·3	76·0	75·0	76·7	78·8	79·2	79·8	80·1	78·8
2	75·5	79·2	79·9	79·6	30·4	80·0	79·3	79·0	78·6	78·3	78·0	77·8	77·5	77·0	76·7	76·6	76·5	76·5	75·9	77·3	79·0	79·0	78·5	78·0	78·3
3	77·6	77·6	77·4	77·2	78·3	78·8	77·8	77·4	77·0	77·0	77·0	77·3	77·5	78·0	78·2	76·9	79·9	81·5	83·4	80·0	81·3	82·0	81·8	80·3	78·8
4	80·7	80·2	80·3	79·8	79·2	78·6	78·5	77·4	77·8	77·8	77·8	77·9	78·0	76·1	76·4	77·6	73·9	81·0	81·7	83·8	83·0	83·2	82·7	82·0	79·6
5	80·9	79·8	78·9	78·6	78·6	78·6	77·9	77·5	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	77·8	76·4	75·0	73·6	74·9	75·4	75·5	75·2	74·6	74·0	72·6	72·4	71·4	72·4	72·5	75·9
7	73·0	73·3	74·1	75·1	75·4	75·4	75·4	76·2	76·6	76·1	75·6	75·4	75·2	75·3	75·4	75·7	77·8	78·7	79·2	75·7	76·0	76·7	77·0	77·6	75·9
8	78·2	77·8	77·2	77·4	77·3	77·4	77·0	77·2	77·4	76·9	76·4	76·0	75·6	75·5	76·0	76·0	75·3	76·0	76·2	75·8	75·9	75·6	76·3	76·3	76·5
9	76·1	75·8	75·4	75·3	75·3	75·0	74·8	73·5	74·7	74·7	74·8	74·9	75·0	75·5	75·6	77·4	79·7	81·0	82·7	83·0	84·2	84·4	84·0	83·5	77·8
10	81·5	77·7	77·9	78·4	77·6	77·6	77·4	78·0	77·2	76·6	76·1	76·1	76·0	76·5	77·0	78·5	79·4	81·1	83·3	83·8	83·7	83·4	83·0	82·3	79·2
11	81·4	80·3	79·4	75·3	78·7	78·5	78·0	77·0	76·4	76·0	75·7	75·4	75·0	74·6	76·0	79·6	81·7	82·9	83·4	84·0	83·7	83·7	83·6	82·5	79·4
12	81·7	80·6	79·5	78·4	78·2	78·8	78·6	78·2	78·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	77·7	77·5	77·3	77·1	76·9	77·3	78·4	81·0	82·5	31·7	81·5	81·8	79.3	78·1	78·3	79·1
14	78·0	77·2	77·1	77·0	76·9	76·6	76·3	76·2	76·0	75·6	75·8	75·2	75·0	74·5	75·4	77·6	79·7	81·5	83·0	83·8	83·9	83·3	84·0	83·1	78·4
15	82·2	81·0	80·2	79·6	79·4	78·6	77·8	77·7	77·2	76·8	76·5	76·5	76·5	76·1	76·8	79·1	81·2	83·0	85·2	86·3	86·2	86·0	85·4	84·7	80·4
16	83·5	81·3	81·0	80·4	79·7	79·0	78·5	78·0	77·5	77·1	76·8	76·8	76·8	76·7	77·1	79·7	82·5	83·5	85·0	85·5	85·6	85·1	84·7	84·5	80·7
17	82·8	81·5	80·6	80·2	79·8	79·5	79·2	78·9	78·6	77·8	77·0	76·8	76·5	76·3	77·2	79·8	81·7	83·9	83·7	84·5	84·7	85·0	85·1	84·4	80·6
18	83·0	81·6	80·6	80·4	80·1	79·5	73·3	77·6	76·9	76·1	75·4	75·1	74·7	74·5	75·2	77·9	80·1	82·0	83·3	83·7	83·9	84·4	83·7	83·6	79·6
19	82·5	80·8	79·6	78·7	77·8	77·0	76·4	75·6	75·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	73·2	73·2	73·3	73·3	73·3	74·2	76·5	78·7	80·5	82·2	83·2	83·7	84·2	83·6	83·0	78·3
21	82·0	80·6	79·6	78·6	78·6	78·0	77·0	76·8	76·4	75·9	75·5	75·1	74·6	73·6	74·4	78·2	80·9	32·3	83·5	82·4	82·7	85·0	82·8	82·0	78·9
22	81·0	79·3	78·4	78·1	77·6	77·1	75·6	73·6	73·5	72·8	71·2	71·3	71·4	70·7	71·7	75·3	77·4	80·4	81·3	82·2	82·8	82·1	82·1	80·5	77·0
23	80·3	78·7	77·8	77·5	77·2	76·8	75·6	75·0	74·2	73·3	72·5	72·3	72·0	71·9	72·4	75·6	78·8	80·4	81·2	82·3	82·2	82·9	82·7	82·1	77·3
24	80·8	79·5	78·7	78·5	78.4	78·0	78·0	78·0	77·5	75·8	75·2	74·9	74·5	74·1	74·6	76·2	80·0	81·8	82·3	83·1	83·5	83·0	82·5	82·3	78·8
25	81·2	79·5	78·8	77·9	76·7	75·6	74·5	73·8	73·4	73·4	73·1	72·9	72·3	72·2	72·5	75·6	78·9	81·1	82·2	83·5	83·2	83·0	83·0	82·4	77·5
26	81·1	79·8	78·7	78·8	78·4	78·1	77·8	77·5	76·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	76·6	76·5	76·4	76·3	73·9	73·6	75·9	78·5	80·4	81·7	83·1	83·0	83·3	83·8	83·3	78·8
28	80·8	79·5	78·8	78·3	77·5	77·0	77·4	77·5	77·2	76·1	75·0	73·9	72·8	73·4	72·5	74·0	77·0	79·7	81·3	82·0	82·0	81·9	81·7	81·3	77·8
29	80·3	79·1	78·4	78·1	77·9	77·2	76·0	74·0	72·0	71·9	71·8	71·5	71·2	70·8	71·4	74·3	77·7	80·5	81·8	81·7	82·4	82·5	83·8	81·8	76·9
30	80·8	79·3	78·2	78·0	77·8	78·0	77·4	77·4	76·8	76·1	75·5	73·8	72·1	71·5	71·7	74·8	78·4	81·4	82·3	83·0	83·2	83·1	82·4	81·7	78·1
Means.	80·4	79·3	78·7	78·4	78·1	77·8	77·3	76·9	76·5	76·0	75·6	75·8	74·9	74·6	75·1	76·9	78·9	80·5	81·4	81·7	82·0	82·0	81·8	81·3	78·4
DECEMBER 1853.									*		*														
1	81·2	79·7	78·8	78·6	78·3	77·7	76·6	74·4	73·0	72·3	71·7	71·1	70·5	70·2	70·8	74·3	79·2	81·0	81·5	81·9	82·0	82·1	83·2	81·7	77·1
2	80·6	79·0	78·7	78·5	78·3	77·4	77·8	77·3	77·3	76·6	76·0	74·1	72·2	71·4	71·4	72·9	75·7	78·6	80·9	82·0	82·6	83·1	81·8	81·3	77·7
3	79.9	78·6	78·0	78·1	77·6	77·3	75·9	74·7	73·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	77·0	76·2	75·4	74·5	71·9	71·4	73·8	77·2	79·9	81·0	82·0	82·5	83·5	81·7	81·2	77·6
5	80·5	79·0	78·0	77·2	77·1	76·7	76·3	74·7	73·0	72·1	71·3	70·9	70·5	70·4	70·5	73·0	76·2	78·5	80·6	81·3	81·6	82·0	81·4	81·2	76·4
6	80·0	78·4	76·9	76·4	76·7	76·5	76·0	75·2	73·8	72·4	71·5	71·0	70·4	70·0	70·0	72·6	75·8	79·0	80·7	81·9	82·4	82·2	82·0	81·3	76·4
7	80·0	78·5	77·6	76·6	75·7	75·2	74·3	74·2	73·7	73·2	72·7	71·9	71·0	70·7	70·8	73·6	76·9	75·4	80·6	81·4	82·7	81·7	81·8	81·4	76·5
8	80·3	79·0	78·0	77·2	76·5	76·0	75·3	75·8	75·2	74·2	73·2	72·7	72·2	72·2	72·3	73·7	76·9	80·4	81·4	81·9	82·0	82·1	82·0	81·4	77·2
9	80·3	79·2	78·4	77·7	77·2	76·6	76·6	76·4	75·7	75·6	75·6	74·3	72·8	72·2	72·3	74·4	77·8	80·5	81·6	81·7	83·0	82·3	81·6	81·3	77·7
10	79·9	73·4	77·6	77·2	76·9	76·6	76·2	75·5	75·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	73·2	71·5	70·5	69·4	68·6	68·4	72·0	76·0	78·5	80·8	81·4	81·7	81·7	81·5	80·9	76·2
12	79·6	78·2	76·9	76.1	75·6	75·0	74·6	72·5	70·3	69·6	69·0	68·3	67·6	67·5	67·8	70·2	73·6	77·4	80·2	80·7	81·5	81·6	81·4	80·9	74·8
13	79.7	77·7	76·6	75·8	74·1	72·7	71·8	71·2	70·5	70·2	70·0	69·2	68·4	68·5	68·4	71·3	75·5	78·4	80·1	80·8	80·5	80·3	81·2	80·4	74·7
14	79·5	77·9	76·8	75·9	75·2	75·3	75·3	75·4	78·5	73·0	72·5	71·7	70·8	69·0	69·5	71·7	74·5	77·8	80·2	80·6	81·5	81·3	80·5	79·5	75·8
15	78·5	77·7	77·0	76·5	76·3	76·1	76·0	76.0	74·7	73·1	71·5	70·1	68·6	63·6	68·2	70·6	74·3	77·6	79·4	79·8	80·4	81·0	80·0	79·9	75·5
16	79·0	77·8	76·5	76·0	75·8	75·3	74·7	74·7	75·0	73·6	72·3	71·5	70·6	70·3	69·6	71·5	75·1	78·4	80·0	80·6	80·7	80·8	80·4	79·8	75·8
17	78·6	77·3	76·2	75·5	75·0	75·8	75·7	75·5	75·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	71·2	70·4	69·6	68·8	67·7	68·4	72·2	75·0	75·1	80·4	81·4	81·3	81·3	80·7	80·5	75·5
19	79·4	77·8	76·6	76·1	75·3	73·5	71·5	71·0	69·6	69·2	69·0	68·8	67·5	67·2	67·4	70·3	74·0	77·4	79·9	80·5	81·1	81·3	80·5	79·9	74·3
20	75·0	77·3	75·8	75·5	75·0	75·0	74·2	71·9	69·8	68·5	67·3	67·1	66·8	65·8	66·0	65·3	74·0	77·0	79·5	80·2	80·6	80·5	80·2	79·6	74·0
21	78·5	77·0	75·6	74·2	73·4	70·9	69·8	69·2	68·8	69·1	69·5	68·1	66·6	65·8	65·5	68·6	78·0	76·7	79·3	79·0	80·6	80·9	79·7	75·5	78·3
22	78·3	76·5	75·4	74·6	78·4	72·9	74·9	74·7	74·0	73·0	72·0	71·3	70·5	69·6	70·2	71·5	76·4	78·7	79·4	80·5	80·6	81·4	80·2	79·3	75·3
23	78·5	76·7	75.8	75·2	74·5	74·0	73·7	72·4	72·0	72·2	72·4	72·1	71·8	71·5	72·2	72·5	75·2	78·3	80·5	81·2	81·1	81·1	80·4	79·5	75·6
24	78·3	76·7	75·4	74·4	73·4	72·4	72·3	72·0	71·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	69·4	67·5	67·1	66·6	66·8	67·5	70·0	74·6	77·8	79·2	79·4	80·2	79·5	75·5	78·9	78·7
26	78·0	76·6	76·3	76·2	76·0	75·5	75·2	75·2	75·0	75·1	75·3	75.5	75·6	75·5	75·9	77·2	79·2	80·5	80·9	83·0	82·6	83·1	81·8	81·3	77·7
27	79·5	78·5	77·6	77·3	77·1	76·5	75·8	75·8	76·2	76·1	76·0	76·2	76·4	75·8	75·3	75·6	79·4	80·6	81·8	82·3	82·5	82·4	82·0	80·7	78·2
28	79·6	78·3	77·4	76·6	76·4	75·4	74·6	74·0	72·4	72·0	71·7	71·0	70·3	69·8	69·7	72·0	75·8	78·5	80·5	82·0	81·9	82·5	82·3	81·5	76·1
29	79·6	77·5	76·1	74·6	78·6	78·0	72·0	71·9	71·8	70·6	69·4	69·0	68·6	68·2	68·2	70·5	74·4	77·5	79·6	81·3	82·0	81·5	80·7	80·6	74·7
30	79·8	78·1	77·3	76·2	76·4	76·4	75·7	74·8	74·0	72·6	71·8	70·8	70·2	69·6	69·4	72·3	75·7	78·8	79·0	80·2	80·5	81·0	80·5	80·2	75·9
Means.	79·5	78·0	77·0	76·3	75·8	75·2	74·7	74·1	73·2	72·5	71·8	71·1	70·4	69·8	69·9	72·2	75.8	78·7	80·3	81·1	81·5	81·5	81·1	80·5	75·9

* The numbers in these Columns are not observed; but interpolated for the sake of obtaining the daily Means.

WET THERMOMETER (STANDARD No. 8. NEW.)

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
JANUARY 1853.	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
1	79·7	73·0	76·1	72·6	72·3	72·6	72·9	72·7	72·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	72·9	73·0	73·1	73·2	73·2	72·8	74·2	74·9	75·1	76·3	77·2	77·1	76·5	76·5	76·4	74·1
3	76·1	76·0	75·5	75·6	76·6	75·5	75·4	75·3	74·9	74·9	74·9	74·7	74·4	74·4	75·2	75·6	76·4	75·7	77·9	77·2	77·4	77·0	76·7	77·2	75·6
4	75·3	75·1	74·6	74·6	74·7	75·4	75·2	75·1	74·5	74·6	74·1	74·6	74·2	74·6	74·6	75·2	75·7	76·5	76·6	76·7	77·9	77·2	75·6	76·2	75·3
5	75·2	74·6	74·0	74·1	73·7	73·4	73·4	72·4	72·8	72·7	72·7	72·6	76·4	72·1	71·9	72·3	73·2	72·7	72·6	73·2	73·8	72·2	72·0	72·7	76·0
6	79·6	72·6	71·6	72·0	79·0	71·5	71·4	70·6	71·0	71·1	71·6	70·6	70·2	70·4	70·1	71·0	72·2	74·0	74·2	71·9	74·0	73·9	79·7	72·4	71·9
7	72·2	71·6	79·2	71·6	70·6	70·2	70·2	65·7	69·6	62·9	70·2	70·0	65·7	68·4	67·2	69·5	63·2	69·2	70·4	70·2	70·4	70·2	70·6	70·1	70·1
8	70·2	69·3	69·1	66·7	69·2	62·2	69·3	69·2	62·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	69·6	69·7	65·6	69·8	69·4	68·9	70·3	71·6	76·7	72·2	71·5	71·7	71·6	72·2	72·2	70·3
10	71·6	70·6	70·4	70·3	68·2	65·1	68·6	66·6	66·4	68·0	67·7	67·8	67·9	07·7	68·9	09·0	70·6	71·7	71·6	71·4	72·1	72·2	71·7	71·4	69·3
11	71·2	70·5	70·4	70·5	70·6	70·6	70·7	70·2	69·6	69·6	70·2	70·0	69·7	69·3	09·4	60·0	79·0	73·6	74·4	75·0	74·4	74·2	74·7	75·0	71·5
12	73·6	75·2	72·3	72·3	72·9	71·7	71·2	70·4	70·0	69·9	69·0	70·0	71·3	71·0	71·0	71·7	71·6	72·9	74·0	74·2	74·3	74·1	72·6	73·1	72·0
13	72·3	72·5	72·0	72·2	72·0	71·9	71·4	71·5	71·2	70·6	70·0	69·4	65·7	09·5	69·6	71·2	79·6	73·2	72·9	73·1	73·6	73·8	73·2	73·2	71·7
14	73·6	73·4	73·3	73·1	73·0	72·6	72·3	71·6	71·2	71·0	70·8	70·7	70·6	70·6	70·2	71·1	73·0	73·6	74·6	74·7	75·2	75·9	74·7	74·5	79·7
15	74·6	74·2	74·0	73·5	74·0	73·9	73·7	73·8	70·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	75·6	74·2	74·6	73·7	73·7	73·2	75·2	75·2	75·5	76·2	76·2	75·9	75·6	75·2	75·9	74·7
17	76·2	75·4	75·3	76·4	75·4	76·4	75·4	75·4	75·2	76·0	74·2	74·9	74·2	73·7	74·3	74·7	76·1	75·5	75·2	75·6	75·7	76·4	75·9	75·3	76·2
18	75·0	74·4	74·6	74·4	73·4	74·3	73·1	73·1	73·4	72·2	72·6	72·6	73·0	76·2	73·0	75·1	76·7	74·6	74·6	74·2	74·9	75·6	75·4	76·2	76·9
19	74·9	74·9	70·4	73·5	73·3	73·2	73·4	75·3	73·9	73·6	73·3	73·5	73·1	73·2	74·4	75·1	74·7	70·6	75·3	76·2	76·3	76·9	76·5	76·2	74·5
20	75·6	74·7	74·5	74·4	74·3	73·6	73·2	73·3	73·4	73·2	73·0	73·1	73·6	72·6	72·2	73·9	73·6	73·6	74·6	74·5	75·0	75·3	75·2	74·6	73·9
21	74·6	74·2	75·4	73·4	76·0	72·4	72·2	71·6	72·0	71·7	71·4	71·3	71·2	71·6	71·0	76·2	74·9	75·6	70·9	75·6	75·7	75·9	75·6	76·7	73·5
22	76·2	75·2	75·1	75·0	75·1	75·1	74·9	74·6	74·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	75·9	75·7	75·5	75·3	75·6	75·3	75·2	75·4	76·2	76·6	76·6	77·2	77·9	77·3	76·6	75·7
24	76·2	76·6	76·0	76·2	75·2	75·9	75·6	75·6	75·2	75·3	76·4	76·6	75·6	75·4	75·2	75·6	75·9	75·4	75·4	76·6	76·9	76·7	76·6	76·6	75·9
25	76·4	76·2	75·3	75·3	75·0	75·3	75·4	75·2	74·6	74·6	74·7	75·0	75·6	75·4	75·9	70·4	77·7	77·9	70·2	75·9	75·5	75·2	75·9	76·4	76·3
26	77·0	77·3	76·4	76·3	76·3	76·5	76·1	76·2	75·9	75·7	75·6	75·6	75·3	74·7	74·7	76·4	77·0	77·5	77·4	77·2	77·6	77·0	77·2	76·5	76·4
27	76·7	76·6	77·0	77·0	77·0	76·8	76·6	76·0	76·4	76·6	76·6	76·3	76·4	76·2	75·7	75·2	76·0	76·2	77·6	77·7	77·4	77·2	77·9	76·8	76·5
28	76·5	76·3	75·4	76·0	76·3	76·7	76·0	76·1	76·2	75·6	76·0	75·1	76·2	75·0	75·4	76·0	77·6	76·0	75·5	75·3	75·2	76·7	76·2	78·9	76·6
29	77·6	77·2	77·3	77·7	77·6	77·6	77·4	77·0	76·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	74·6	74·7	74·6	74·2	73·6	70·7	74·2	75·0	74·7	75·0	75·6	75·7	76·1	75·5	75·2	75·8
31	75·2	75·2	76·0	75·0	75·0	74·5	73·3	73·5	73·0	72·3	71·6	71·7	71·7	72·0	73·0	73·6	74·7	76·0	74·4	74·2	75·3	75·7	75·7	70·0	74·0
Means.	74·6	74·2	73·9	73·9	73·7	73·6	73·4	73·2	73·0	73·0	72·8	72·5	72·7	72·6	72·6	73·4	74·2	74·6	75·3	75·3	75·4	75·4	76·1	76·0	73·9
FEBRUARY 1853.																									
1	75·2	74·6	74·9	73·2	74·0	73·9	73·4	73·3	79·4	72·3	72·3	71·8	71·4	71·7	71·2	72·9	74·0	74·6	74·3	75·7	75·6	75·2	74·5	74·4	73·6
2	73·2	73·3	72·7	73·0	79·6	72·2	72·6	72·0	71·6	71·5	71·4	71·7	71·6	72·2	71·5	72·3	73·3	73·7	73·6	76·2	72·9	74·0	73·6	70·2	72·7
3	72·7	72·2	71·6	71·5	71·3	71·2	70·7	70·6	59·9	69·5	09·2	69·0	66·6	69·0	65·7	71·2	72·0	71·6	70·4	71·6	70·7	71·7	72·2	71·0	70·0
4	71·0	70·7	70·1	69·7	69·2	69·2	68·7	66·3	68·2	66·3	66·5	66·4	68·2	67·5	67·4	70·0	70·5	70·4	70·2	71·3	70·7	71·3	72·2	71·3	69·7
5	71·2	71·7	71·0	70·6	69·7	68·5	67·6	67·6	67·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	67·1	66·9	66·7	66·4	66·6	66·3	68·2	70·8	72·0	72·0	72·0	73·4	73·7	73·4	73·4	69·6
7	72·2	71·6	71·5	71·3	71·4	71·4	70·6	70·3	69·6	69·4	69·2	69·3	69·4	69·2	69·6	71·2	72·5	73·3	73·0	73·6	74·2	73·4	74·2	70·8	71·5
8	76·7	73·7	72·1	72·3	79·1	71·0	70·3	70·4	70·2	62·7	69·2	69·3	69·4	69·6	69·4	71·0	72·9	71·7	72·2	79·6	72·2	72·9	74·0	79·5	71·5
9	72·7	72·2	79·4	71·0	71·6	70·6	70.9	70·0	68·4	68·5	67·7	67·6	67·4	67·0	67·3	69·9	71·6	71·2	72·0	72·0	72·7	72·4	73·6	71·7	70·6
10	73·2	71·7	71·1	71·2	71·6	70·5	70·4	69·3	65·6	66·8	68·4	67·4	66·4	67·0	67·4	68·6	70·2	71·1	72·4	70·6	71·7	72·1	71·9	71·0	70·1
11	70·4	70·7	65·9	69·2	69·3	69·9	69·7	69·6	09·2	68·6	68·5	66·9	62·2	69·4	68·4	70·2	72·2	72·5	72·2	72·9	73·8	73·5	73·3	72·0	70·5
12	71·6	71·2	70·6	70·3	69·2	70·1	70·1	69·6	69·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	68·1	66·2	66·3	66·4	67·0	67·0	69·2	71·6	72·4	71·6	71·4	71·7	72·2	73·6	72·4	70·2
14	71·7	71·1	70·6	71·9	71·5	70·0	70·0	65·2	69·0	68·6	68·2	67·4	66·5	66·4	66·3	69·6	72·0	71·6	71·0	72·9	76·7	73·0	71·7	69·7	70·1
15	70·2	69·7	69·2	67·6	67·6	67·6	67·1	66·5	66·2	65·6	65·5	65·4	65·2	66·1	56·4	66·0	65·6	71·2	71·7	72·3	72·7	72·5	72·7	72·5	68·7
16	72·0	71·6	71·1	59·6	66·9	65·4	67·4	67·2	66·6	66·5	60·2	65·6	65·0	65·4	65·6	68·7	71·0	72·3	72·1	72·7	73·0	73·4	73·0	72·7	69·4
17	72·5	71·6	70·4	65·6	62·1	66·1	67·7	67·0	66·2	55·7	65·3	65·4	65·4	65·2	66·6	66·3	70·7	71·5	70·2	71·4	72·0	71·3	72·0	71·4	69·0
18	71·0	71·0	70·2	70·0	69·3	69·0	66·4	68·3	66·2	67·6	07·4	66·9	66·4	66·8	67·3	70·0	70·7	70·9	71·2	72·6	72·2	72·7	79·7	72·5	65·7
19	71·6	71·2	70·3	70.7	70·5	70·0	69·6	09·0	68·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	65·1	65·2	65·8	65·4	64·7	65·0	68·2	71·2	72·3	72·4	73·2	73·7	73·0	73·2	73·4	69·7
21	73·0	72·9	71.2	70·3	69·4	66·4	67·9	67·9	67·6	66·7	56·9	66·2	66·2	65·6	64·2	68·0	71·1	71·2	72·0	71·6	72·5	71·7	70·7	73·2	69·4
22	73·0	73·4	76·0	72·2	71·4	70·6	68·4	65·1	68·9	67·3	66·4	65·9	65·4	64·7	65·2	66·9	62·6	70·7	72·1	71·9	72·2	73·7	74·2	76·7	70·2
23	76·2	76·0	74·1	74·0	73·3	72·0	71·2	70·4	70·2	70·5	70·6	70·1	69·4	69·4	68·0	70·0	72·6	73·1	79·2	72·2	71·2	79·2	73·1	72·8	71·9
24	73·0	73·9	72·2	76·2	72·2	71·7	71·3	71·2	70·2	62·9	69·7	62·6	69·2	08·4	68·6	71·6	74·3	74·4	74·6	74·6	76·9	75·0	70·0	75·6	79·4
25	75·6	75·4	74·6	74·3	74·1	73·2	73·4	76·4	73.2	76·3	71·4	71·3	71·2	71·2	71·2	73·0	74·1	74·0	74·9	74·6	74·4	75·1	74·0	74·7	70·6
26	74·2	74·2	76·2	76·3	73·4	76·5	70·5	73·4	73·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	76·3	76·2	73·2	76·0	76·2	76·4	76·5	77·0	76·9	77·0	73·1	76·2	76·4	75·2	76·5	75·4
28	76·0	76·0	75·0	75·0	74·2	74·7	74·1	73·7	73·6	73·4	73·2	73·1	73·0	79·3	72·7	75·2	76·4	77·3	77·7	77·7	75·0	77·2	76·2	75·8	75·1
Means.	72·6	72·6	71·6	71·6	71·1	70·7	70·3	69·9	69·4	69·1	65·3	68·6	68·4	66·3	68·3	70·5	72·2	72·6	72·7	72·0	73·2	73·4	73·3	76·0	71·1

N. B. 0·2 Added from the Registered Number or corrected to Madras Standard Thermometer (Old)

* The numbers in these columns are not observed ; but interpolated for the sake of obtaining the daily Means.

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WET THERMOMETER (STANDARD No. 8. NEW.)

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
MARCH 1853. 1	75·2	75·9	73·2	75·2	75·2	75·1	74·6	74·0	73·9	73·4	71·3	71·6	71·2	71·2	71·5	74·5	75·4	76·7	75·4	77·2	78·8	77·1	77·2	76·2	74·8
2	75·6	77·0	75·5	75·1	74·4	74·0	73·9	73·2	72·6	72·4	73·2	71·8	71·4	70·2	70·2	73·7	74·5	73·2	72·9	75·0	78·2	77·0	77·7	77·1	74·1
3	76·7	76·0	73·4	75·0	74·3	74·2	73·2	72·7	73·2	72·4	72·7	72·8	72·2	72·0	72·2	74·2	76·2	75·3	73·7	74·7	79·2	75·7	75·5	77·8	74·7
4	76·7	77·2	77·0	76·6	76·0	75·7	76·2	78·2	78·0	73·0	74·0	78·3	73·8	72·2	72·4	75·2	77·0	75·7	77·4	76·9	77·1	77·3	78·5	80·0	78·0
5	79·0	78·4	78·1	78·0	77·3	77·0	77·0	78·8	78·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	75·8	75·4	75·0	74·8	74·2	74·0	76·2	77·1	77·3	77·2	77·9	78·2	77·8	78·2	78·0	78·9
7	77·8	77·8	78·1	75·5	76·0	74·2	74·2	73·7	73·7	72·5	71·4	71·3	71·2	70·2	70·7	74·2	75·8	76·0	77·3	78·2	77·4	78·1	78·2	78·5	75·0
8	76·7	73·9	73·4	72·1	71·5	70·7	70·4	70·7	69·7	69·7	69·7	69·3	66·8	65·2	69·4	72·0	74·9	75·2	76·3	75·4	74·6	74·0	72·8	73·4	72·2
9	74·8	74·2	72·2	70·8	70·5	69·3	68·5	68·2	67·7	67·8	67·5	67·4	67·2	67·2	68·6	71·0	72·2	74·1	74·7	75·5	76·4	76·4	75·9	76·7	71·5
10	75·7	76·3	75·4	74·9	74·9	73·4	72·8	72·2	72·0	72·1	72·2	72·2	72·2	72·0	72·2	74·8	76·0	76·2	77·2	76·1	74·2	75·0	75·7	76·8	74·3
11	75·2	77·5	77·1	75·8	75·1	74·2	73·5	73·0	72·2	72·0	71·8	71·8	71·7	71·8	71·0	74·9	74·5	72·2	72·9	73·7	73·2	73·4	72·4	73·8	73·8
12	73·2	74·3	76·0	75·2	75·3	74·3	73·2	73·2	73·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	74·6	74·2	73·8	73·4	72·7	73·4	76·2	77·8	76·2	77·2	79·0	76·7	73·4	80·6	80·2	75·7
14	78·7	78·9	78·7	78·1	77·6	77·0	76·0	76·1	76·4	76·3	76·2	75·5	74·8	74·4	74·4	77·2	76·8	76·2	75·2	79·0	80·2	81·7	83·0	80·0	77·6
15	80·1	80·4	79·0	78·2	77·3	76·1	75·2	73·7	74·2	74·1	74·0	73·8	73·8	73·3	74·0	76·5	78·0	79·0	75·8	75·9	78·1	79·3	80·6	80·2	77·0
16	80·3	78·6	78·4	77·1	76·3	76·8	75·2	74·7	73·7	73·4	73·9	73·2	73·2	73·0	74·0	76·2	77·6	79·2	76·0	76·7	79·2	81·0	81·5	81·0	76·7
17	78·7	78·2	78·3	78·3	76·3	76·4	77·5	77·1	77·0	76·8	76·2	75·6	75·0	74·8	75·2	78·7	78·0	79·4	75·2	77·4	81·7	81·0	80·2	80·8	77·9
18	80·4	80·0	78·9	77·9	77·2	73·8	75·2	74·9	74·7	74·2	73·7	73·5	73·2	73·0	73·8	78·7	78·4	79·0	75·4	79·4	75·9	80·1	80·7	81·0	77·1
19	81·1	78·7	78·0	77·0	76·2	76·3	76·3	74·4	74·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	74·2	74·4	73·2	73·3	73·0	73·7	77·1	78·2	75·6	80·0	80·4	80·7	80·0	72·8	80·1	77·1
21	75·4	78·8	77·3	78·8	78·8	76·7	76·7	75·4	75·8	75·4	75·0	74·6	74·2	76·3	74·4	78·1	73·2	79·4	81·6	80·4	81·0	80·4	80·5	81·1	77·6
22	80·1	78·8	77·9	77·9	77·2	78·0	78·1	78·2	72·3	78·7	73·2	77·2	76·9	75·7	76·2	78·2	80·2	80·2	80·7	80·8	81·4	81·5	79·4	79·9	78·8
23	80·5	79·7	79·1	78·5	78·4	78·5	78·4	78·2	77·9	77·5	77·2	76·1	74·9	74·5	73·0	78·2	80·2	82·8	80·7	79·8	80·2	81·0	80·2	80·2	78·7
24	80·4	80·2	79·1	78·4	78·4	73·8	78·4	75·2	78·2	77·3	78·5	78·4	78·2	78·1	76·6	73·9	79·9	80·4	82·0	81·0	80·9	80·8	80·2	80·2	78·9
25	80·0	79·9	78·5	78·1	78·2	78·3	78·2	77·9	78·9	78·8	78·7	78·8	73·4	73·2	78·8	78·3	78·8	78·9	77·4	77·2	75·6	79·6	79·2	79·9	78·0
26	78·4	78·2	78·2	78·3	75·1	78·3	78·7	79·2	79·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	78·6	76·8	77·0	77·2	77·4	77·2	75·4	79·2	79·8	79·5	75·7	80·2	80·7	81·4	78·2	78·7
28	78·0	78·4	77·2	78·0	77·8	77·6	78·2	78·1	78·2	78·2	73·2	73·4	78·5	78·3	79·2	77·1	80·4	81·0	80·9	80·5	81·7	81·3	81·2	81·4	75·1
29	80·0	79·8	78·7	75·8	73·4	78·5	78·5	78·4	78·4	75·4	75·4	79·2	77·9	78·0	75·1	77·5	75·2	81·5	81·7	80·8	81·7	82·2	82·9	81·2	79·4
30	80·9	80·2	79·5	79·5	79·5	79·8	75·5	75·7	79·2	79·6	79·4	79·8	79·2	78·7	78·9	75·6	80·2	76·2	79·7	79·7	81·5	81·8	81·2	81·3	79·8
31	80·7	80·2	75·8	78·8	79·2	79·4	78·2	77·2	77·7	77·5	77·4	77·5	77·5	77·7	79·0	80·0	80·8	81·2	80·9	81·8	82·2	82·4	82·2	82·1	79·6
Means.	75·5	78·1	77·8	76·3	76·2	76·1	75·3	75·4	75·2	74·2	74·6	74·3	74·0	73·3	74·2	76·2	77·7	78·0	78·1	78·3	78·2	79·2	79·3	79·1	78·7
APRIL 1853. 1	81·2	80·9	80·4	80·2	79·2	79·9	79·6	79·4	79·6	79·8	79·4	79·4	79·4	79·2	79·3	80·4	80·4	81·2	82·2	82·3	82·8	82·1	81·9	82·2	80·3
2	81·8	80·4	80·2	80·2	80·2	80·0	80·3	80·1	80·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	79·2	79·4	79·2	78·3	78·4	78·5	79·2	80·7	81·7	83·0	83·0	84·0	83·2	83·4	83·2	80·7
4	82·4	81·5	80·3	80·2	80·3	80·4	80·4	80·3	80·2	80·2	80·2	79·8	79·4	78·5	79·3	80·5	80·1	80·7	82·2	84·1	84·2	84·4	84·9	82·4	81·1
5	83·2	81·8	81·2	81·1	81·1	81·1	81·1	81·1	80·7	80·4	80·1	79·4	78·7	78·2	79·4	80·2	81·2	83·0	82·6	83·4	83·0	83·4	83·4	85·1	81·4
6	83·0	82·2	81·2	80·7	80·2	80·0	79·6	79·5	80·0	79·8	79·7	79·3	79·4	79·2	79·9	81·4	81·2	81·0	78·8	78·0	78·1	78·0	77·0	78·3	79·2
7	77·0	77·2	75·5	78·7	75·7	75·4	75·4	75·4	75·9	75·5	75·2	78·1	77·0	77·0	77·7	80·0	80·4	80·9	81·4	81·2	81·2	81·2	81·1	80·2	77·9
8	80·9	78·3	78·3	77·7	77·2	77·2	77·3	77·2	77·9	76·8	76·4	76·0	75·6	78·7	77·1	78·7	78·7	78·2	79·4	79·7	80·0	80·0	80·1	79·8	78·1
9	78·5	78·2	77·9	78·2	77·7	77·1	78·4	78·3	76·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	77·3	77·5	77·7	77·8	78·0	78·8	80·2	80·0	77·3	78·0	78·4	77·3	77·0	77·3	77·0	77·7
11	76·4	76·4	75·3	75·2	75·2	75·0	75·2	74·8	74·2	74·5	74·2	74·7	78·2	74·7	78·2	78·3	77·0	79·8	80·4	81·0	81·8	80·0	80·8	80·0	78·8
12	80·2	79·5	79·1	79·2	79·2	79·2	78·3	78·8	78·2	77·9	77·0	77·1	77·2	77·5	78·7	80·0	80·5	80·9	79·5	81·1	81·6	80·7	80·0	80·5	79·3
13	80·2	79·4	79·0	79·2	78·7	79·1	79·1	78·8	78·7	78·1	77·5	77·6	77·3	77·7	78·4	75·7	80·8	81·7	81·6	82·4	83·2	82·2	82·0	81·6	79·7
14	81·3	81·2	80·7	80·8	80·7	80·5	80·3	80·0	80·0	79·7	79·8	79·2	78·8	79·1	80·2	80·4	81·2	82·0	82·0	82·8	82·2	81·7	81·5	81·7	80·7
15	81·6	80·7	79·4	79·1	79·2	79·4	79·4	79·5	79·9	79·5	79·2	79·0	78·7	79·0	80·2	82·0	81·9	81·9	80·8	81·2	81·0	81·5	82·0	81·3	80·3
16	81·2	80·2	80·0	75·2	79·2	79·0	78·2	78·4	78·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	77·3	78·2	78·3	74·2	74·7	78·9	78·2	80·1	79·7	80·0	80·1	78·6	80·2	80·4	80·4	78·7
18	80·2	78·5	78·5	78·3	77·8	77·6	77·4	77·0	78·3	78·2	78·2	76·1	75·9	75·7	77·9	79·9	80·0	79·7	79·2	80·8	81·1	81·2	80·5	80·9	78·5
19	79·4	79·2	79·0	78·7	78·7	78·4	78·1	77·9	77·7	77·1	76·8	78·3	78·0	76·0	77·7	80·1	80·2	80·4	80·2	81·0	81·2	82·0	81·3	80·6	78·9
20	80·2	75·9	78·1	77·2	78·0	78·2	78·2	77·9	77·2	77·0	76·8	76·6	78·2	78·0	78·4	80·0	81·0	81·4	81·2	82·2	81·4	81·6	81·6	81·7	79·1
21	81·2	80·7	80·0	79·6	79·5	79·3	79·4	79·3	79·2	78·9	78·7	78·6	77·9	78·0	79·2	80·2	80·4	80·4	81·2	81·5	82·1	81·7	82·8	81·4	80·0
22	80·8	81·0	79·2	79·1	79·1	75·0	78·9	78·4	78·2	77·4	78·7	78·7	76·7	77·2	78·9	80·4	80·8	80·1	80·6	81·6	81·2	81·4	80·9	80·7	79·4
23	80·2	80·0	79·1	79·0	78·8	78·4	78·5	78·4	77·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	77·8	77·2	78·6	76·0	78·4	78·4	80·2	81·2	79·9	81·3	82·7	81·0	82·0	82·0	80·8	79·2
25	80·4	80·2	78·7	79·3	79·7	79·2	79·6	79·3	79·8	79·3	78·9	78·6	78·0	78·2	79·8	81·4	81·4	82·4	81·7	82·1	82·7	82·3	82·2	81·2	80·3
26	81·7	81·2	80·2	80·3	80·0	80·1	80·1	80·2	81·2	80·6	80·0	79·5	79·0	77·2	80·2	81·3	81·9	81·4	82·0	82·4	82·6	83·2	83·4	83·0	81·0
27	81·9	81·1	80·7	80·3	79·8	80·0	79·4	79·4	79·3	72·5	79·4	79·2	79·0	78·4	78·4	79·2	80·0	80·7	80·6	80·5	81·2	82·2	82·2	82·4	80·9
28	81·1	80·7	80·1	80·2	80·0	80·3	80·9	79·6	80·0	79·9	79·8	79·8	79·2	79·2	81·0	81·9	82·2	81·7	82·2	81·7	82·2	82·4	82·2	82·0	80·8
29	81·7	81·4	80·9	80·3	80·4	80·4	80·4	80·4	80·1	79·4	78·7	78·9	79·0	79·8	80·2	80·4	80·9	80·8	82·2	83·4	83·2	83·2	82·8	82·4	80·2
Means.	80·7	80·1	79·3	79·2	79·0	79·0	78·9	78·7	78·7	78·4	78·0	77·8	77·8	77·6	78·3	80·1	80·5	80·7	80·8	81·3	81·3	81·5	81·4	81·2	79·6

N. B. 0·2 Added from the Registered Number or corrected to Madras Standard Thermometer (Old)

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WET THERMOMETER (STANDARD No. 8. NEW.)

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
April, 30	82·8	82·2	81·0	81·0	81·0	80·8	80·4	80·8	80·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MAY 1853. 1	—	—	—	—	—	—	—	—	—	80·1	80·0	75·9	79·7	79·9	80·9	82·7	82·5	83·4	82·7	83·1	84·5	84·5	84·1	83·7	81·7
2	83·1	83·7	82·3	82·3	82·3	82·2	81·9	81·7	81·5	81·1	80·9	80·8	80·2	80·2	82·5	83·1	82·8	82·9	83·3	83·5	84·2	81·2	84·4	84·4	82·4
3	83·7	83·1	89·1	82·0	81·8	81·9	81·9	82·0	81·7	81·4	81·1	80·7	80·5	80·4	81·4	82·9	85·1	88·3	89·2	89·2	82·2	82·7	89·5	83·0	82·0
4	83·0	81·7	89·0	82·0	81·7	81·9	81·9	81·7	81·8	81·0	80·7	80·8	80·8	80·8	81·2	82·4	82·4	82·5	83·2	83·8	83·9	83·7	83·7	83·8	83·1
5	83·9	83·7	83·2	82·7	85·1	82·0	81·9	81·9	81·8	81·2	81·2	81·2	81·1	80·4	81·2	81·8	81·4	82·2	82·7	82·5	83·2	84·5	83·7	83·4	82·2
6	82·9	83·0	81·8	81·4	81·5	81·3	81·3	81·0	81·2	81·8	81·2	80·8	80·4	80·2	82·5	82·8	83·0	83·2	83·7	82·3	82·7	83·0	83·8	83·2	85·0
7	83·4	23·0	81·4	81·4	81·2	81·2	81·1	81·1	81·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	80·5	80·4	80·5	80·8	80·1	81·9	85·3	85·2	88·8	83·2	83·4	84·2	83·9	84·2	84·8	82·0
9	83·7	83·2	82·4	81·4	81·4	81·5	81·0	80·9	81·2	81·1	81·0	80·9	80·8	81·0	75·2	77·7	79·7	81·5	82·8	84·2	83·7	83·2	83·0	83·5	81·5
10	82·8	83·0	82·9	81·7	81·5	81·4	81·5	81·8	81·7	81·7	81·8	81·3	81·2	81·2	82·2	89·4	82·3	82·7	82·6	82·5	82·4	81·7	82·3	82·7	89·0
11	83·0	83·0	82·5	82·4	82·8	82·2	81·9	81·8	80·8	80·2	79·8	78·9	78·2	78·2	79·4	81·3	85·1	81·5	81·4	82·0	82·0	82·5	83·2	83·7	81·4
12	82·7	80·9	78·3	78·5	78·1	78·7	79·2	81·2	79·4	78·8	77·9	78·7	78·5	78·8	77·3	79·1	79·2	79·5	80·4	80·9	80·2	82·0	82·7	85·0	79·1
13	82·3	82·8	83·3	82·0	81·9	82·2	82·4	82·5	81·7	81·3	81·0	79·4	77·7	78·4	77·4	75·8	80·4	77·4	77·7	78·7	78·7	79·2	79·9	80·7	80·3
14	81·7	81·4	81·8	81·9	81·8	81·3	81·8	81·2	81·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	77·2	77·5	77·2	77·2	77·0	78·4	80·1	79·4	80·0	81·2	80·2	81·3	82·5	83·6	83·8	80·4
16	82·2	85·7	89·5	82·4	89·4	85·8	82·2	82·1	81·5	80·8	80·1	78·3	78·5	78·4	77·7	79·2	80·2	80·5	81·2	80·8	84·2	83·8	83·4	83·2	81·0
17	52·9	82·5	82·7	83·1	83·4	83·2	83·2	83·1	85·3	81·8	80·9	80·4	79·9	80·0	81·0	82·0	79·4	80·5	80·5	80·7	80·4	88·5	83·7	84·2	81·8
18	83·9	89·8	83·1	83·0	83·4	83·8	83·1	81·9	80·9	80·4	80·0	80·1	80·5	79·5	79·4	80·7	81·2	81·0	80·4	81·2	79·7	83·0	83·7	83·9	81·7
19	83·8	82·2	82·8	88·1	83·2	82·8	82·3	82·5	81·5	80·7	80·5	72·5	78·4	78·3	79·5	81·0	80·4	80·0	75·7	79·2	80·7	81·4	82·7	83·5	81·1
20	84·2	83·7	83·0	83·3	83·2	82·7	82·4	82·1	81·8	80·2	79·2	79·5	79·7	80·1	80·0	80·7	80·5	80·7	81·4	81·1	81·5	80·7	80·9	84·4	81·5
21	83·7	83·2	88·1	83·8	82·9	83·1	83·1	82·2	82·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	81·8	81·7	81·6	81·5	81·8	82·7	83·2	83·8	84·2	84·8	85·2	85·2	84·2	81·5	85·7	83·0
23	83·8	84·0	83·4	83·0	82·8	82·8	88·8	81·8	80·2	79·7	79·9	79·0	78·8	78·1	78·7	79·5	79·2	79·8	80·4	82·2	82·7	88·2	83·1	85·4	81·2
24	89·2	81·8	82·0	81·0	77·2	77·8	77·2	77·8	77·0	78·9	78·9	77·0	77·0	77·0	78·5	80·5	80·2	80·7	81·4	81·9	83·2	84·0	83·0	82·4	79·7
25	82·9	82·1	81·8	81·5	81·4	80·2	80·4	80·8	78·8	78·4	78·2	78·7	75·2	78·7	75·2	78·0	79·5	79·7	81·0	81·2	81·3	30·9	81·8	81·5	79·8
26	82·0	81·8	81·9	82·0	82·0	81·5	81·5	81·2	81·9	80·8	80·0	79·8	79·8	78·2	75·4	80·8	80·2	79·4	79·7	80·5	81·4	81·1	30·4	80·8	80·7
27	80·8	78·5	81·4	81·8	81·8	81·2	81·4	81·2	81·4	80·9	80·4	79·0	77·8	78·1	76·8	77·9	79·6	79·5	81·2	81·0	81·2	80·7	81·4	88·2	80·2
28	82·4	82·7	81·9	85·0	81·1	81·3	81·9	81·2	81·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	81·3	80·8	79·1	78·0	78·4	77·2	79·2	78·8	79·8	80·2	80·9	81·7	82·4	81·8	81·3	80·5
30	81·4	81·7	81·1	81·4	82·0	82·1	81·9	81·8	79·2	78·7	78·2	77·8	78·8	78·7	78·4	78·9	80·4	81·0	80·8	81·9	81·9	82·9	81·7	81·8	80·4
31	81·8	81·0	81·1	81·4	81·5	80·8	77·7	78·8	79·2	78·7	78·8	78·8	78·5	77·8	78·4	75·5	79·4	80·2	80·9	81·4	82·4	81·9	81·8	80·7	80·0
Means.	82·8	88·4	82·1	81·9	81·6	81·5	81·4	81·3	80·8	80·8	79·2	78·4	78·2	78·7	79·4	80·7	80·8	81·0	81·4	81·7	82·2	88·5	82·8	85·2	81·2
JUNE 1853. 1	81·1	80·9	80·2	81·2	81·4	80·5	80·4	80·9	79·2	78·8	78·8	78·4	78·8	78·2	79·7	79·4	80·2	81·2	81·1	79·0	79·2	79·8	80·2	81·0	80·0
2	81·4	81·8	81·4	81·1	81·5	82·5	82·5	83·1	81·4	81·1	80·9	80·1	79·9	79·0	79·1	79·2	79·0	79·8	80·1	80·5	79·9	80·5	81·0	80·8	80·8
3	80·8	81·0	80·5	79·7	75·4	79·4	76·2	77·2	76·7	78·8	77·0	78·8	76·2	78·3	75·5	78·2	77·1	77·6	78·5	75·4	78·2	70·4	79·8	80·2	78·2
4	80·8	81·0	82·0	81·9	80·1	79·2	77·7	77·9	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	79·8	79·0	78·6	78·2	78·3	78·7	78·8	77·8	78·4	79·2	79·2	79·8	79·8	80·0	80·7	79·0
6	80·9	81·0	82·2	83·8	82·5	81·5	78·2	78·5	78·4	78·5	78·7	78·5	78·5	77·1	77·3	77·7	78·4	78·8	80·0	80·4	80·8	80·7	80·9	81·2	79·7
7	81·7	82·9	80·7	80·4	80·4	80·9	81·1	81·8	80·0	79·2	78·5	77·9	77·5	78·8	77·8	78·4	78·6	79·5	80·0	80·7	80·4	80·3	81·2	81·9	79·9
8	82·7	82·9	82·8	82·3	82·7	89·3	88·8	89·2	81·5	80·8	80·8	78·3	78·8	77·2	78·8	77·3	78·5	75·8	80·4	80·5	80·4	80·8	82·0	83·9	80·7
9	83·0	81·7	80·9	81·5	81·5	81·1	80·8	80·8	79·7	78·4	79·2	78·7	78·2	77·9	78·8	79·4	80·0	80·7	89·1	80·0	80·9	81·7	82·5	83·1	80·5
10	83·6	82·5	81·2	81·5	80·4	81·0	77·4	77·2	78·7	78·3	78·0	75·7	75·3	78·2	76·0	78·2	77·1	79·2	79·9	79·4	82·0	82·4	81·0	79·8	78·6
11	80·2	80·8	80·5	80·4	80·3	80·5	80·9	79·8	80·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	78·1	78·8	75·5	75·2	78·2	76·2	78·7	77·9	78·2	73·2	78·4	73·8	78·5	79·0	79·4	78·4
13	79·8	81·7	80·5	78·2	77·4	77·8	77·2	78·7	80·8	79·8	79·1	78·0	76·9	78·8	76·4	77·2	78·2	78·8	78·7	79·9	79·5	80·4	80·8	80·5	78·8
14	80·4	79·6	79·8	79·0	78·5	78·8	78·2	78·2	78·8	77·6	78·7	78·5	76·5	78·7	76·8	78·9	77·1	73·8	75·8	78·4	77·5	78·2	78·5	78·3	77·9
15	79·5	78·8	79·8	80·9	78·8	77·4	79·5	79·0	79·5	78·0	78·7	78·5	78·2	77·1	78·4	76·2	77·0	77·7	78·8	76·9	79·4	79·0	79·8	79·8	78·5
16	80·8	80·4	79·7	79·8	78·9	79·5	78·0	78·5	78·7	75·3	78·9	75·8	75·8	76·2	78·7	77·9	77·8	77·5	78·4	76·9	78·8	77·5	77·2	77·8	77·6
17	78·2	77·7	77·7	77·7	77·1	77·0	78·2	78·5	78·7	78·4	78·1	75·8	75·7	75·9	78·2	77·9	76·9	77·8	76·5	78·6	77·2	78·8	77·4	77·2	76·8
18	77·2	77·5	78·7	79·5	79·7	79·9	80·0	80·1	80·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	78·8	73·4	78·8	73·2	73·4	73·5	74·4	78·0	75·2	78·7	78·4	77·6	77·7	77·4	77·2	78·7
20	77·5	77·8	78·0	78·2	79·2	79·4	79·7	78·4	78·7	75·2	75·2	74·4	73·8	78·2	74·7	75·6	78·0	77·0	77·2	77·5	78·0	77·8	78·8	78·4	76·8
21	78·2	77·8	79·2	79·2	79·5	79·8	79·2	79·3	77·9	77·8	78·7	78·5	76·5	75·4	75·5	78·8	77·4	77·3	77·9	77·7	78·5	78·5	79·5	77·4	77·8
22	80·5	79·9	79·8	79·9	80·0	80·5	80·8	80·7	79·2	78·1	77·0	78·8	78·8	76·4	78·3	78·4	78·8	78·0	78·0	75·2	80·8	80·2	81·2	78·7	79·0
23	79·5	80·0	80·5	80·0	80·8	80·9	79·1	78·2	78·7	75·8	76·4	75·8	78·5	75·0	75·9	76·5	77·2	78·9	77·7	78·2	78·8	79·4	80·1	79·9	78·0
24	30·4	81·1	79·5	81·4	81·2	80·8	80·4	80·7	76·2	78·7	78·2	77·8	78·4	75·7	75·2	75·2	78·4	77·0	77·4	78·5	78·4	78·7	77·8	77·8	78·4
25	77·5	79·1	78·1	81·5	81·5	81·0	81·2	80·8	79·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	75·6	75·2	74·8	74·4	74·8	74·5	75·9	79·0	77·0	77·2	77·8	78·0	79·2	78·3	77·2	77·8
27	77·5	77·3	80·0	80·0	80·2	77·1	73·9	78·0	78·6	75·9	75·2	74·7	74·2	73·5	74·2	75·5	75·7	78·3	78·8	78·4	78·7	77·7	78·8	77·9	76·8
28	79·2	79·4	80·8	80·4	80·4	80·8	80·7	80·8	79·4	79·5	79·2	78·4	77·8	75·5	74·2	75·8	78·0	78·4	77·9	77·7	77·4	77·7	78·8	78·1	78·3
29	79·9	79·5	80·2	79·4	79·0	79·5	79·2	79·7	79·2	79·2	79·2	78·3	77·4	76·7	78·2	75·7	78·8	73·7	78·4	77·2	77·4	78·0	78·1	77·5	78·0
30	77·2	78·5	78·5	78·0	77·5	77·9	78·4	79·1	79·4	79·5	79·8	78·5	77·5	75·7	78·8	76·2	78·7	78·8	78·4	77·2	78·0	78·4	80·8	79·8	77·9
Means.	79·9	80·0	80·0	80·1	79·9	79·8	79·3	79·2	78·7	77·8	77·5	77·0	78·8	75·9	76·5	76·8	77·8	78·0	78·8	78·8	78·8	79·1	79·5	79·4	78·5

N. B. 0·1 Added from the Registered Number or corrected to Madras Standard Thermometer (Old).

N. B. 0·2 Added from the Registered Number or corrected to Madras Standard Thermometer (Old).

* The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means.

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WET THERMOMETER (STANDARD No. 6.)

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
JULY 1853.	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
1	91·9	79·9	79·6	79·3	79·9	78·9	79·2	77·8	79·2	78·3	78·3	79·5	78·7	79·9	75·7	75·8	78·0	79·4	79·7	77·3	77·9	76·3	79·1	73·6	78·0
2	78·1	76·3	77·3	79·0	77·5	77·0	77·2	78·9	76·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	73·7	75·3	74·9	74·9	74·9	75·3	75·4	79·0	76·6	77·9	77·9	79·8	79·7	79·9	79·0	73·8
4	77·5	73·4	76·7	73·4	78·7	73·4	78·3	77·9	77·7	77·9	78·9	78·6	79·0	78·3	77·9	77·9	79·9	78·0	73·2	78·3	78·9	73·4	79·1	79·1	78·4
5	77·4	74·9	76·6	79·3	78·4	76·2	78·0	78·9	75·7	73·4	79·9	76·4	75·8	75·3	78·3	77·3	78·8	79·4	80·0	90·3	81·2	91·2	81·7	79·1	77·8
6	76·6	77·0	77·5	79·4	79·2	76·7	78·2	78·9	76·4	78·0	75·7	75·3	74·2	75·2	75·3	76·9	77·3	79·2	79·5	79·6	79·2	79·2	79·6	79·7	77·3
7	79·0	81·1	80·3	79·7	79·4	79·3	73·9	75·7	73·2	73·3	75·8	75·9	75·9	79·1	76·3	77·3	78·3	78·2	77·9	78·2	73·5	73·4	78·8	78·3	77·8
8	77·9	76·9	75·2	80·0	79·4	75·3	78·4	74·2	74·4	74·6	74·9	75·0	75·0	74·9	75·4	79·3	78·9	79·8	78·7	76·9	79·3	76·7	76·3	78·1	76·1
9	76·1	74·5	74·3	73·9	73·7	73·9	79·7	73·8	78·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	75·4	75·9	79·0	74·7	79·2	73·9	75·0	79·4	75·9	78·2	76·3	77·2	77·9	77·7	79·9	73·2
11	79·9	76·2	73·9	79·4	79·9	78·8	78·5	79·7	74·9	74·6	74·4	74·3	78·0	73·4	74·3	75·9	76·1	76·4	77·8	77·9	77·2	77·4	76·9	76·4	75·9
12	76·1	75·8	74·4	74·8	74·2	74·7	74·9	74·9	74·7	74·7	74·7	74·4	74·1	74·9	73·9	76·2	78·1	77·9	77·1	78·0	76·3	77·9	77·8	77·3	75·7
13	73·2	77·3	77·2	78·9	78·9	79·2	79·0	75·3	76·2	75·9	76·8	73·3	74·7	74·2	76·2	78·7	78·3	76·9	76·9	76·4	77·2	73·9	77·9	77·4	76·4
14	77·3	77·3	77·2	76·4	76·2	78·2	75·7	75·5	75·7	75·3	75·0	74·8	74·5	74·2	74·3	75·8	79·2	79·2	76·9	77·9	77·3	78·1	79·1	78·3	78·3
15	77·8	75·9	75·9	77·0	77·7	79·0	79·4	78·2	78·7	77·9	77·9	79·9	79·2	74·3	74·7	79·0	75·7	75·9	78·4	77·9	78·2	77·4	77·2	78·2	76·9
16	77·3	82·0	79·0	76·4	77·3	79·7	79·4	77·2	74·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	74·3	74·4	74·9	74·9	74·7	74·9	79·3	75·4	78·2	77·3	77·2	77·7	79·3	78·6	77·4	78·3
18	77·2	78·5	76·4	77·9	79·2	78·4	73·0	75·1	74·7	74·3	75·6	74·4	73·7	72·7	74·2	74·7	74·7	75·8	76·8	77·2	73·7	73·9	75·6	77·2	73·6
19	79·9	80·2	79·8	80·0	79·4	78·6	74·7	74·9	74·4	74·6	78·3	73·4	73·3	79·7	79·4	73·7	74·2	75·9	75·7	78·3	73·9	77·3	77·2	78·5	79·3
20	76·3	78·3	76·4	77·1	79·3	78·2	76·0	78·4	79·7	72·2	72·3	71·7	71·3	71·4	72·7	74·9	74·6	79·0	78·7	76·9	77·9	77·6	77·4	77·2	73·1
21	77·3	78·9	79·3	76·9	78·2	78·3	79·7	76·6	75·7	75·4	75·3	74·8	74·4	74·2	74·7	73·4	79·7	77·5	77·7	77·3	77·6	78·5	79·2	80·2	73·7
22	73·9	73·4	79·3	73·9	79·5	79·3	79·7	77·2	77·4	73·8	78·9	75·8	75·4	75·3	79·4	77·0	77·3	78·7	73·9	78·3	78·3	75·0	79·4	80·2	77·3
23	73·3	79·2	79·4	79·3	79·3	79·9	73·2	77·4	77·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	74·9	74·4	74·6	74·7	74·9	74·4	73·9	79·9	78·9	76·0	78·3	77·9	78·4	76·9	79·2	76·9
25	75·6	80·0	79·1	75·4	75·0	77·1	77·0	78·7	78·7	78·9	77·1	77·7	75·2	77·3	79·7	75·8	75·4	75·7	75·4	77·0	77·4	75·2	78·9	79·2	77·4
26	79·9	79·6	77·3	78·2	78·8	79·9	78·0	78·9	77·8	77·3	78·7	78·3	75·7	75·9	78·0	73·8	78·7	78·2	73·0	78·4	78·9	78·8	77·9	77·2	76·8
27	78·4	76·9	78·4	79·1	79·0	79·5	76·1	73·4	78·9	78·9	78·4	78·9	78·2	77·9	79·1	78·6	78·0	74·7	74·5	78·9	79·9	79·7	78·2	77·7	77·3
28	77·9	76·9	78·3	73·4	78·3	79·3	78·2	79·2	77·4	77·7	79·1	77·9	77·6	77·3	76·4	75·4	74·7	76·9	75·8	78·4	78·9	78·5	78·2	79·2	77·4
29	79·9	78·6	77·3	77·8	77·3	77·8	77·8	77·9	76·4	79·8	78·7	76·2	77·0	77·9	77·9	78·9	74·4	75·2	74·9	76·2	77·9	77·0	73·0	79·9	77·2
30	78·8	79·9	78·1	78·9	75·8	79·2	78·9	78·3	78·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	73·8	78·2	77·8	78·9	76·3	79·6	76·9	78·2	76·9	75·3	73·6	77·4	78·9	78·2	79·9	77·8
Means.	78·0	77·8	77·6	77·9	77·6	77·9	76·9	78·8	79·2	76·0	73·8	75·7	75·4	73·1	78·4	79·7	76·0	76·4	76·7	77·1	77·7	78·1	76·0	78·1	76·8
AUGUST 1853.																									
1	79·7	79·7	78·9	79·2	78·7	75·1	78·1	78·0	77·0	79·6	76·2	78·7	77·2	76·7	75·9	75·6	78·2	75·5	76·8	78·4	77·0	77·7	78·9	79·0	77·4
2	79·9	79·2	80·3	78·7	78·7	77·4	76·9	78·9	73·6	75·4	75·2	75·3	73·7	75·9	78·2	78·3	77·6	76·9	77·1	77·3	79·7	79·4	78·4	73·7	77·2
3	79·9	80·1	80·2	79·7	77·4	77·8	76·8	79·9	78·2	79·7	73·9	76·5	75·7	78·2	78·8	77·8	78·1	78·2	77·7	77·9	[illegible]	80·9	80·2	80·4	77·8
4	61·0	80·7	80·2	80·5	80·3	79·8	79·4	79·2	78·9	78·4	77·9	78·1	79·2	77·0	77·4	73·9	79·0	79·5	79·9	79·7	79·4	80·7	81·2	91·9	79·4
5	61·7	81·9	81·3	81·1	80·3	90·0	79·4	79·8	80·2	79·7	79·3	78·8	79·6	77·3	77·9	79·2	79·4	86·0	80·7	81·0	80·7	91·2	61·9	89·1	80·1
6	81·7	81·3	80·9	90·8	80·2	75·6	79·7	79·2	79·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	74·9	73·6	73·3	75·4	76·0	77·3	77·9	77·0	76·7	78·4	77·7	77·8	79·2	60·2	80·6	79·3
8	80·3	79·7	73·7	77·2	79·5	78·2	78·1	78·0	77·3	76·3	78·8	78·9	77·3	77·7	76·4	79·7	79·0	79·8	78·2	77·9	76·9	90·2	80·7	80·9	78·4
9	77·9	79·7	86·7	80·2	80·3	80·0	79·9	79·4	78·3	77·9	79·3	75·8	75·3	74·8	74·6	74·4	75·3	76·9	77·7	78·4	78·9	80·0	80·3	80·4	77·9
10	81·9	80·7	75·1	79·3	79·0	78·8	73·9	79·9	78·2	78·3	78·3	78·9	75·2	75·0	75·4	75·0	75·9	76·7	78·0	73·0	76·2	79·2	79·4	79·9	79·0
11	80·1	79·7	78·8	78·1	77·3	77·9	79·3	76·6	76·4	75·9	75·3	73·0	74·7	74·4	74·3	78·6	77·1	77·3	79·0	79·2	78·7	76·7	76·5	78·4	77·8
12	77·7	77·7	77·9	78·2	79·3	77·9	73·1	78·4	79·9	79·0	76·9	76·9	76·7	75·3	79·1	77·4	79·9	79·1	79·4	80·7	80·3	80·5	80·3	80·4	76·3
13	73·7	80·0	79·3	79·9	79·0	72·9	79·2	73·7	79·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	75·7	78·0	77·3	78·9	77·9	78·4	77·7	78·2	76·3	78·3	78·9	78·4	79·2	60·8	79·7	78·5
15	80·2	75·9	77·4	79·8	78·9	76·4	77·0	78·9	76·4	78·9	78·3	78·3	77·6	77·3	77·8	79·2	78·0	79·0	77·4	79·2	77·9	78·8	79·3	78·4	77·8
16	79·9	76·4	77·5	77·7	79·9	79·9	79·1	73·3	78·2	77·4	76·8	78·3	73·9	75·2	73·8	76·4	79·6	78·7	75·9	79·4	79·2	80·2	91·0	91·2	79·6
17	81·2	80·6	79·4	79·9	79·7	79·6	79·8	79·2	73·4	78·3	78·2	78·9	75·1	77·8	78·3	79·6	80·4	80·7	81·8	80·8	80·2	81·2	81·2	81·6	79·7
18	80·9	80·3	76·7	78·7	78·6	79·2	78·7	73·2	80·3	79·4	75·7	77·9	78·9	78·3	78·1	79·0	79·8	79·9	79·4	91·2	81·0	81·4	81·3	80·9	79·3
19	90·7	80·2	79·2	79·7	78·9	79·0	79·9	79·3	75·0	78·6	78·2	78·1	77·9	77·9	78·4	80·0	61·2	80·2	80·5	80·7	80·2	80·0	91·4	99·9	79·6
20	91·7	80·7	81·4	91·3	81·1	80·1	80·2	79·4	79·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	76·4	79·0	73·8	75·9	75·1	73·9	75·5	75·6	75·9	78·7	76·4	75·7	79·9	76·6	75·7	77·6
22	75·4	75·3	74·9	74·9	75·9	75·6	75·2	73·6	74·4	74·8	74·9	74·9	74·7	74·4	74·7	75·2	75·4	75·2	73·0	73·9	79·2	76·3	78·5	77·2	73·5
23	77·2	78·2	77·4	77·3	77·8	77·1	76·7	73·2	76·2	76·7	75·2	79·1	75·0	74·9	75·9	76·0	78·2	76·4	78·9	77·3	77·2	77·6	79·6	78·6	76·8
24	79·0	78·5	79·2	80·8	86·9	90·4	80·1	79·9	79·9	75·5	78·2	77·5	76·7	78·7	78·9	73·6	75·9	78·7	77·2	76·9	77·7	76·7	76·4	73·7	73·1
25	78·2	79·3	79·3	79·5	79·5	79·6	79·9	73·8	79·2	78·7	73·9	78·6	77·7	77·3	78·8	78·3	78·4	78·3	79·4	78·5	79·4	80·2	81·9	81·1	79·1
26	80·5	79·7	76·4	77·1	75·0	75·3	77·2	73·6	79·2	75·8	75·0	78·6	74·9	75·2	78·2	77·0	79·1	77·5	73·1	73·9	78·9	79·4	78·7	80·0	77·6
27	79·9	75·6	80·4	86·2	90·7	80·4	30·4	79·2	78·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	73·5	74·4	75·3	78·9	74·9	74·9	74·9	75·2	75·7	79·7	75·6	79·4	78·7	77·9	78·8	77·8
29	78·2	78·9	79·0	78·0	73·9	79·4	75·9	75·7	73·4	75·2	75·2	74·8	74·4	74·1	74·2	75·0	75·8	78·4	79·4	77·5	77·2	77·0	76·5	77·7	76·3
30	73·7	73·1	77·9	77·3	78·9	76·2	76·6	78·0	73·2	78·2	78·2	75·1	73·9	73·4	73·4	75·2	75·4	78·5	79·7	77·4	78·3	78·0	77·7	77·9	76·3
31	77·2	78·2	79·1	79·1	77·6	78·2	76·4	75·9	74·4	74·3	74·2	73·8	73·4	78·2	74·9	74·7	75·7	78·9	79·9	77·0	76·9	77·8	77·0	77·1	79·0
Means.	79·5	79·8	78·7	78·8	78·8	78·3	78·1	77·8	77·6	78·9	76·6	78·3	76·0	75·8	76·9	78·8	77·0	77·6	75·0	78·3	73·4	79·6	79·4	75·5	77·9

* The numbers in these Columns are not observed; but interpolated for the sake of obtaining the daily Means.
N. B.—0·3 Added from the Registered Number or Corrected to Madras Standard Thermometer (Old).

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WET THERMOMETER (STANDARD No. 8.)

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
September 1853. 1	78·4	76·6	79·7	79·2	78·1	77·2	76·7	77·2	78·0	75·3	74·7	74·6	74·9	74·2	74·6	75·4	70·0	76·2	77·0	77·0	76·4	76·7	76·8	77·2	76·5
2	77·0	76·6	78·9	75·3	76·0	75·7	75·9	75·2	74·9	74·5	74·2	73·7	73·2	73·2	73·4	74·3	75·2	78·9	76·2	77·1	77·9	77·0	77·7	75·7	75·6
3	76·2	78·0	79·4	80·6	81·1	80·7	80·0	79·2	78·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	80·2	79·9	78·6	77·2	74·8	75·2	76·2	76·6	77·4	77·6	77·0	77·7	79·2	79·2	80·9	78·4
5	79·7	79·0	78·3	79·6	76·4	79·6	79·5	79·4	78·2	78·3	78·4	78·3	78·3	77·8	78·2	79·2	79·8	79·7	80·1	79·5	79·7	80·0	80·4	80·9	79·2
6	81·0	80·9	80·5	80·1	79·7	79·7	80·2	80·7	80·6	79·9	79·6	79·2	78·7	77·2	76·2	76·9	77·6	78·0	78·0	78·9	79·4	79·7	80·2	79·7	79·3
7	80·2	80·4	79·4	79·6	79·1	79·1	79·1	78·9	78·7	78·3	78·4	78·0	77·6	77·2	77·4	78·7	80·2	80·4	81·3	80·1	81·4	82·0	82·4	81·1	79·8
8	81·8	81·7	80·9	80·9	81·1	81·0	80·9	80·5	79·9	79·9	80·0	78·6	77·2	77·0	77·2	77·9	79·2	79·4	80·4	81·2	82·8	82·5	80·6	78·2	80·0
9	80·2	81·2	81·1	80·7	80·8	80·6	81·2	81·0	79·2	79·4	79·0	79·4	79·2	79·4	80·2	80·2	80·0	79·7	79·0	80·4	78·9	79·8	80·0	80·4	80·1
10	80·2	80·4	80·1	79·1	79·1	79·3	79·4	79·7	79·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	81·6	80·9	80·2	79·4	79·2	77·3	77·2	76·9	77·0	77·4	78·2	77·6	77·7	78·4	79·3	79·0
12	79·0	79·4	79·8	79·9	79·6	79·9	79·2	78·2	77·2	76·8	76·4	76·1	75·7	75·2	75·2	75·5	75·7	76·2	76·6	77·6	77·2	80·0	79·5	79·9	77·7
13	79·6	79·0	78·3	79·4	77·9	78·0	78·2	78·7	78·4	77·8	77·2	78·8	76·4	76·2	77·2	78·2	78·5	78·2	78·1	80·1	80·3	80·8	80·1	79·0	78·4
14	72·9	79·2	79·5	79·6	79·7	79·2	79·2	78·4	78·4	78·3	78·2	78·9	78·2	77·9	77·9	78·2	79·2	80·2	80·2	79·0	79·8	81·5	82·4	89·3	79·3
15	81·8	81·1	80·8	80·0	78·6	77·7	78·2	78·5	78·7	78·4	78·1	77·2	76·2	75·5	76·9	77·5	78·2	78·2	79·2	79·4	80·7	81·6	75·7	79·4	78·6
16	77·1	78·7	79·2	77·8	77·1	77·4	76·9	76·9	77·7	77·0	76·4	76·3	76·2	76·2	77·0	78·2	78·7	79·2	79·4	79·2	79·9	80·8	80·2	79·2	78·0
17	79·6	79·2	79·4	80·1	80·0	80·0	79·1	79·0	78·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	78·8	78·2	77·9	77·5	77·6	78·2	78·2	78·0	79·0	79·6	79·4	81·8	80·5	80·0	80·9	79·2
19	79·0	77·5	76·7	76·7	77·0	77·3	77·3	76·9	77·0	76·9	76·9	76·7	76·4	76·2	76·8	75·9	75·9	77·2	78·2	79·0	78·8	80·0	81·4	81·8	77·6
20	86·2	76·6	75·0	76·1	76·4	76·2	76·8	76·7	76·9	77·0	77·1	76·7	76·2	76·4	78·2	79·7	80·8	81·1	89·0	80·2	80·9	81·4	81·7	81·0	76·4
21	80·5	81·0	81·0	81·1	80·9	80·4	80·7	80·0	79·2	78·8	78·4	77·3	76·2	75·6	76·9	77·1	76·7	77·3	78·4	79·2	80·1	79·4	79·6	79·4	78·9
22	79·2	79·4	80·2	79·9	80·2	80·0	79·7	79·4	79·4	79·0	78·7	77·2	78·7	75·2	75·2	78·7	76·6	77·2	79·0	79·2	80·7	79·0	77·6	78·5	78·4
23	79·8	80·6	80·5	80·2	79·9	80·2	79·7	79·2	76·7	78·5	78·4	77·4	76·4	75·6	76·8	77·9	78·7	79·2	79·2	79·7	80·2	80·8	80·8	80·6	79·1
24	80·2	80·4	80·0	79·9	73·2	72·7	72·7	72·4	72·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	75·6	78·6	75·4	78·2	75·2	76·0	77·2	77·6	78·2	78·2	79·4	79·9	80·0	80·6	81·0	77·0
26	80·9	77·2	77·4	77·6	78·4	78·2	78·2	78·2	77·7	77·5	77·3	76·9	76·4	70·6	77·4	78·2	78·2	79·2	79·2	80·4	80·0	79·8	78·7	79·1	78·3
27	79·8	80·8	79·4	79·8	81·0	81·2	78·7	79·2	79·0	77·6	76·7	76·8	76·2	75·7	76·9	77·2	78·0	78·4	78·8	79·9	79·7	79·2	78·5	79·6	78·6
28	79·7	79·0	79·1	78·3	78·1	77·9	78·2	78·4	77·7	77·6	77·8	77·4	77·2	77·8	79·0	79·7	79·8	79·2	79·2	79·4	80·0	80·6	80·0	80·4	78·6
29	79·4	78·6	78·9	78·9	78·6	77·2	77·4	77·6	76·5	76·3	76·2	76·7	77·2	78·6	74·7	76·9	77·4	77·2	78·4	76·7	77·0	77·2	77·1	78·9	77·6
30	78·4	79·5	79·7	79·1	79·1	79·4	79·9	80·2	79·2	78·3	77·4	76·8	76·2	76·2	77·3	78·4	78·3	78·2	78·1	77·7	78·2	78·2	76·4	79·5	78·3
Means.	79·6	79·3	79·2	79·9	78·8	78·7	78·5	78·4	78·0	78·0	77·7	77·2	76·7	76·3	76·7	77·5	78·0	78·5	76·8	79·0	79·5	79·8	79·5	79·7	78·4
October 1853. 1	81·1	81·6	80·8	79·2	76·7	74·6	74·3	74·2	74·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	78·6	78·9	76·1	76·2	76·6	76·2	78·5	75·6	78·8	76·2	76·2	77·2	77·4	76·5	76·2	76·7
3	76·2	76·8	78·3	77·2	76·3	73·7	75·4	74·4	74·2	74·3	74·4	74·1	73·7	73·7	74·0	74·8	76·2	77·4	76·9	77·7	77·0	76·6	77·2	78·3	78·9
4	79·6	79·2	80·2	78·4	78·0	78·3	78·3	78·4	77·4	76·7	76·1	78·4	74·7	74·2	74·4	74·3	74·2	75·9	75·6	76·0	76·9	77·1	77·0	76·7	76·7
5	76·7	76·0	74·9	74·1	73·7	73·6	76·4	73·8	78·3	74·8	74·4	73·8	73·2	72·7	72·9	74·1	74·0	75·2	75·4	76·6	77·1	78·2	77·8	79·7	78·0
6	79·3	78·2	78·0	76·0	78·2	79·1	79·3	79·0	78·5	78·3	76·1	78·0	77·9	78·2	78·8	77·0	76·2	75·9	77·9	78·5	79·2	79·2	79·4	79·6	78·3
7	79·7	79·2	78·7	78·4	76·5	78·6	78·4	78·2	77·4	77·2	77·1	76·9	76·7	76·9	78·1	79·2	79·7	79·4	78·4	79·2	80·7	80·7	81·1	81·2	78·7
8	80·0	79·2	79·5	79·2	79·4	79·4	79·4	78·3	77·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	77·4	77·2	77·0	76·7	76·7	76·7	78·3	79·4	79·7	78·8	80·1	79·2	80·7	79·7	79·2	78·7
10	79·2	78·2	79·0	79·2	79·2	79·0	78·9	79·0	78·2	78·1	78·0	77·6	77·2	77·2	77·6	78·3	78·4	78·3	78·9	79·2	78·7	79·0	79·6	79·7	78·6
11	79·9	78·0	78·7	78·7	77·9	77·4	77·1	77·0	76·6	76·5	76·4	76·4	76·4	76·2	77·3	77·8	78·4	79·0	78·2	79·7	80·2	80·5	79·7	79·4	78·0
12	76·8	78·7	77·9	77·6	77·6	77·4	77·2	76·4	75·7	78·5	75·4	78·2	78·0	75·2	76·6	77·4	77·0	77·0	75·9	77·0	77·1	78·9	76·6	77·2	76·7
13	77·2	76·9	76·2	76·2	70·2	76·4	76·4	76·4	76·2	73·4	74·7	74·8	74·2	74·0	74·5	76·4	77·0	77·1	76·0	75·2	74·4	73·9	76·9	73·0	75·5
14	73·8	74·3	78·0	78·5	75·2	78·2	78·2	78·2	74·3	73·7	73·2	73·0	79·8	79·2	73·4	75·3	75·2	75·4	75·4	74·7	75·1	78·4	75·9	76·6	74·6
15	76·2	76·4	76·2	76·2	76·2	76·4	75·4	75·9	75·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	76·6	77·2	77·6	78·0	77·5	77·1	78·9	78·4	78·7	78·9	78·7	78·4	77·7	77·2	77·9	77·2
17	77·4	77·2	77·6	77·7	77·7	77·3	77·6	77·4	77·0	76·8	76·6	76·9	77·2	76·4	77·1	78·0	77·2	77·4	78·0	78·2	78·0	79·2	78·4	78·2	77·5
18	78·2	78·2	78·2	78·7	78·9	78·6	78·9	79·0	78·4	78·8	78·3	78·0	77·7	77·9	78·2	78·9	79·4	79·2	78·7	79·0	80·9	74·2	76·4	77·4	78·3
19	78·6	78·8	77·9	77·4	77·2	77·4	78·0	77·5	77·2	76·7	76·2	76·1	76·6	78·7	76·3	77·4	79·0	78·0	78·9	79·0	79·6	78·6	79·0	78·8	77·7
20	78·2	78·2	78·0	78·2	78·5	78·7	78·5	78·5	78·7	78·6	78·5	78·6	78·7	79·0	74·1	75·0	76·7	79·2	75·2	75·2	77·6	77·2	77·9	78·0	77·7
21	77·4	77·2	77·4	77·6	77·8	77·7	77·6	77·7	74·2	73·9	73·7	73·9	74·0	74·7	78·7	77·2	77·7	76·7	77·7	78·2	77·2	78·1	78·9	78·4	76·7
22	78·1	78·0	77·2	77·9	77·4	77·1	77·2	76·5	76·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	76·7	76·7	76·7	76·7	77·0	78·1	78·2	79·9	80·2	80·2	80·7	81·9	81·2	80·4	80·2	78·3
24	80·0	79·2	78·7	78·2	78·3	78·5	78·5	78·0	77·4	70·0	74·6	74·7	74·7	75·0	78·8	77·2	78·2	79·6	79·9	80·2	79·8	79·2	78·7	79·2	77·9
25	79·0	78·2	77·6	77·4	78·2	78·1	78·0	77·4	77·8	77·4	77·1	77·1	77·0	76·9	77·2	77·9	78·7	79·4	79·7	80·0	79·2	80·0	80·1	80·2	78·3
26	79·4	79·2	79·2	78·1	77·1	77·2	77·4	77·0	76·4	76·2	76·0	78·9	75·8	76·0	77·1	76·0	77·2	77·9	76·8	77·9	77·4	77·0	77·2	76·4	77·1
27	75·2	78·0	74·2	74·2	74·3	74·1	74·2	73·0	74·7	74·5	74·3	74·3	74·2	73·5	73·3	73·4	73·2	74·4	75·0	78·7	76·5	76·9	76·9	76·6	74·7
28	75·4	75·2	74·2	74·5	75·9	75·2	74·9	73·5	73·3	73·4	73·8	73·6	73·7	74·7	75·9	77·1	76·6	77·4	78·0	79·0	77·7	77·2	77·4	77·7	75·6
29	77·2	75·2	74·4	74·3	74·1	75·0	75·2	78·9	75·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	73·9	73·7	73·5	73·2	73·8	73·9	73·8	73·7	74·7	75·5	76·2	76·2	76·9	77·2	77·2	75·0
31	77·0	76·7	75·9	74·4	75·2	75·6	74·4	74·6	75·2	75·0	74·9	75·1	75·9	76·0	76·7	77·7	77·8	78·6	78·7	78·3	78·9	78·9	77·2	75·4	76·4
Means.	78·0	77·7	77·4	77·1	77·1	77·0	76·8	70·7	76·3	76·1	75·9	75·8	78·6	75·7	76·0	76·7	77·1	77·5	77·5	77·9	78·1	78·0	77·9	76·0	77·0

* The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means.
N. B.—0·2 Added from the Registered Number or Corrected to Madras Standard Thermometer (Old.)

WET THERMOMETER (STANDARD No. 8.)

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
NOVEMBER 1853.	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
1	76·5	77·0	76·5	76·4	76·4	77·0	76·7	76·2	77·2	76.9	76·7	76·5	76·2	75·2	75·4	76·2	74·1	75·0	74·1*	75·4	76·4	76·7	76·4	76·9	76·2
2	76·2	76·4	75·7	75·7	75·6	76·0	76·2	76·2	76·0	75·8	75·6	75·5	75·4	75·3	75·2	75·4	75·2	75·2	75·0	76·0	76·2	76·2	76·0	75·4	75·7
3	75·7	75·8	75·5	75·4	75·5	75·2	75·2	75·5	75·2	75·1	75·0	73·8	72·5	74·7	76·3	75·2	77·7	78·0	79·0	77·7	77·2	76·7	75·5	75·2	76·8
4	75·3	75·2	75·0	75·3	75·6	75·4	75·2	75·0	75·0	75·1	75·2	74·8	74·3	74·1	74·5	75·2	76·0	74·4	75·2	75·7	75·4	74·7	74·7	74·2	75·0
5	74·9	74·9	74·3	73·9	73·6	73·7	73·3	73·2	73·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	75·4	74·3	73.2	72·0	72·7	72·7	73·0	73·2	72·9	72·2	70·8	70·7	70·0	70·6	70·0	72·9
7	70·2	70·5	71·0	71·6	71·8	72·0	72·2	72·7	73·2	73·3	73·4	73·6	73·7	73·2	73·9	73·4	74·0	74·8	75·4	74·7	74·8	75·4	76·0	76·0	73·4
8	76·0	75·2	74·1	74·0	74·0	73·8	73·7	74·2	74·2	74·7	75·2	74·8	74·4	73·8	74·6	74·4	74·2	74·8	74·6	74·4	74·0	74·2	74·7	74·6	74·4
9	74·3	74·7	74·3	74·4	74·4	74·0	74·2	73·2	73·6	73·7	73·9	74·1	74·2	74·9	75·0	76·1	77·6	78·3	73·7	78·8	78·7	79·3	78·9	78·2	75·7
10	78·5	76·2	76·4	77·1	75·1	75·2	75·2	75·2	74·9	74·9	75·0	75·1	75·2	75·4	76·0	76·4	77·0	77·9	77·5	77·5	77·2	75·2	75·4	75·6	76·0
11	75·4	74·7	74·2	73·2	73·2	73·5	73·4	73·0	73·4	73·1	72·8	72·5	72·2	72·3	73·4	74·0	74·7	74·5	75·2	76·2	76·7	75·7	75·5	75·2	74·0
12	74·9	75·0	75·0	74·5	74·4	74·2	74·2	73·9	74·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	76·4	76·4	76·4	76·3	76·2	76·2	76·9	78·1	79·0	77·2	77·7	78·2	76·2	75·4	75·3	75·9
14	75·5	75·4	75·4	75·4	75·4	75·2	75·1	75·1	75·2	74·7	74·2	74·1	74·0	73·2	74·2	75·7	77·0	77·4	77·7	77·5	77·2	77·3	78·5	78·0	75·8
15	77·4	77·7	77·1	77·3	76·8	76·5	76·2	76·1	75·7	75·4	75·2	75·3	75·4	75·1	75·7	77·3	77·9	78·2	79·2	79·7	79·4	79·6	79·2	78·7	77·2
16	78·2	77·7	77·4	77·3	77·0	76·7	76·2	76·2	75·7	75·4	75·2	75·5	75·7	75·4	76·2	78·0	78·8	73·2	79·4	79·4	79·0	77·9	78·0	78·4	77·2
17	78·2	77·2	76·3	76·2	76·4	76·0	76·2	75·7	75·8	75·5	75·2	75·2	75·2	75·2	76·0	77·2	78·0	78·3	77·4	77·7	77·7	77·4	77·3	77·7	76·6
18	77·0	76·9	76·6	76·6	76·4	75·5	75·7	75·4	75·0	74·3	73·6	73·4	73·2	73·4	74·2	76·4	76·2	76·6	76·4	76·5	76·2	76·0	73·8	74·9	75·4
19	75·4	75·1	75·2	75·2	75·0	74·0	73·3	73·2	73·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	71·1	71·4	71·7	72·0	71·4	72·2	73·5	74·2	74·1	73·7	73·2	74·2	74·0	73·7	74·2	73·5
21	74·0	74·2	74·2	74·4	74·2	74·4	74·4	74·2	74·1	73·7	73·4	72·9	72·4	72·1	73·1	75·2	74·5	74·4	74·3	74·9	74·0	73·2	73·0	72·5	73·8
22	71·2	70·7	69·3	69·2	69·2	68·7	68·9	68·3	69·2	68·7	68·2	68·4	68·5	68·2	69·4	70·7	71·7	72·5	71·3	71·0	71·6	71·5	71·9	71·4	70·0
23	70.8	71·2	70·8	70·6	70·7	70·5	70·7	71·2	70·5	70·0	69·6	69·7	69·7	70·0	70·2	72·4	73·9	74·2	73·5	73·9	73·7	74·2	74·0	73·5	71·6
24	73·2	73·2	73·0	72·3	72·0	72·1	72·4	72·3	72·2	71·9	71·6	71·8	71·9	72·0	72·3	72·7	72·4	72·7	73·2	74·2	73·7	73·4	73·2	72·9	72·6
25	72.9	71·9	71·3	71·3	71·0	71·2	71·0	70·5	70·2	70·6	71·0	70·5	69·9	70·2	70·2	72·1	73·2	72·2	72·3	73·2	72·4	73·2	72·9	73·0	71·6
26	72·3	72·6	72·2	72·1	72·0	72·0	71·6	71·4	71·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	71·6	71·2	70·8	70·4	70·5	70.8	71·9	72·7	73·6	72·2	72·6	71·6	72·5	72·3	72·9	71·9
28	72·5	71·7	71·3	70·4	71·4	70·9	71·2	71·2	71·2	70·8	70·4	70·3	70·2	69·5	70·0	70·5	72·4	73·2	72·1	72·4	72·7	72·4	72·2	72·4	71·4
29	71·7	71·2	71·1	70·9	71·0	71·1	70·3	70·2	69·0	69·1	69·2	69·1	69·0	68·8	69·4	71·1	72·9	73·4	73·2	72·4	72·8	72·4	72·3	72·2	71·0
30	71·7	71·5	71·2	71·1	71·0	71·1	71·1	70·9	70·6	70·5	70·4	70·4	70·3	69·2	69·7	71·7	73·0	72·4	72·2	71·7	72·0	71·9	71·4	70·5	71·1
Means.	74·6	74·4	74·0	73·9	73·8	73·7	73·6	73·5	73·4	73·4	73·2	73·1	72·9	72·3	73·3	74·3	75·0	75·2	75·1	75·2	75·1	74·9	74·7	74·6	74·1

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
DECEMBER 1853.																									
1	70·6	70·4	69·3	69·2	69·2	69·5	69·5	68·5	68·4	67·8	67·2	67·1	67·0	66·7	67·4	69·2	69.1	70·2	70·2	69·7	69·6	69·9	70·4	70·9	69·0
2	70·4	69·8	69·3	69·2	70.2	70·3	70·2	70·4	70·2	69·3	69·4	69·3	69·2	63·2	68·2	68·3	70·2	71·2	71·1	70·9	71·6	70·5	70·4	70·6	70·0
3	70·3	69·5	69·6	69·8	69·9	69·7	69·4	69·1	69·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	69·5	69.2	69·9	68·5	68.2	68·1	69·4	71·2	72·0	72·2	70·6	71·0	71·5	71·1	71·2	70·0
5	71·0	70·6	69·4	69·0	69·4	69·1	69·3	69·3	63·5	68·4	68·3	67·9	67·5	67·2	67·0	68·6	70·7	71·0	72·2	71·8	71·0	70·7	70·5	70·4	69·5
6	69·7	69·9	70·0	70·1	69·3	69·5	70·0	69·6	68·7	68·4	68·2	67·9	67·5	67·0	66·8	68·2	70·2	72·2	72·0	70·4	70·5	70·6	70·3	70·4	69·5
7	70·5	70·2	70·8	70·3	69·8	69·4	69·4	69·3	69·7	69·4	69·2	68·7	68·2	68·0	68·1	69·5	71·2	73·0	73·2	72·4	72·5	72·0	71·7	71·8	70·3
8	71·1	71·2	70·8	70·4	70·3	70·6	70·4	70·7	69·2	69·2	69·2	69·5	69·8	69·6	69·7	70·7	72·2	72·2	72·4	72·6	71·8	71·1	71·7	71·5	70·7
9	71·7	71·7	71·8	71·3	70·8	71·1	70·4	70·3	70·2	70·3	70·4	70·2	70·0	70·0	70·0	71·2	72·9	72·8	72·7	72·0	72·2	72·4	72·2	72·2	71·3
10	71·6	71·0	70·6	70·4	70·1	69·8	69·9	69·2	69·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	70·3	69·2	68·1	67·0	66·0	66·0	68·2	70·2	71·2	71·0	71·1	70·2	70·8	70·4	70·3	69·7
12	71·0	70·4	69·7	69·8	69·2	69·4	69·2	69·4	67·2	66·8	66·4	65·8	65·2	65·2	66·0	67·9	70·2	71·4	71·7	71·4	71·6	72·2	71·8	71·2	69·2
13	71·0	70·5	70·4	70·4	69·7	69·2	68·5	68·2	67·2	67·2	67·2	66·6	66·0	66·2	66·4	67·2	70·7	70·2	70·2	71·2	68·4	68·2	68·4	68·2	68·6
14	68·0	68·1	67·2	67·6	68·2	68·2	67·7	68·0	67·9	67·9	68·0	67·3	66·6	66·0	66·6	67·7	69·2	70·4	70·2	69·2	69·6	70·0	69·6	69·4	68·3
15	69·2	68·4	68·3	67.5	67·4	67·2	67·7	67·9	68·2	67·3	66·4	66·3	66·2	65·6	64·7	66·3	68·2	69·2	69·2	68·7	68·2	69·2	68·4	68·7	67·7
16	68·4	67·9	67·7	67·4	67·2	67·9	68·2	67·8	67·2	67·0	66·9	66·6	66·2	66·2	66·0	66·9	68·9	69·5	69·2	69·2	69·2	63·7	68·6	68·9	67·8
17	69·0	68·5	68·2	68·3	68·2	68·4	68·3	68·5	67·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	67·6	67·2	66·8	66·4	65·2	66·2	69·2	70·2	70·4	70·3	71·0	71·0	70·8	70·2	70·4	68·7
19	69·8	68·8	68·6	68·2	67·9	68·0	67·0	65·2	66·0	65·8	65·7	65·2	64·7	64·4	65·2	66·7	69·4	70·2	70·4	69·8	70·0	69·9	70·4	69·8	67·8
20	70·0	69·2	68·7	67·6	67·7	67·2	68·7	68·0	66·1	65·4	64·7	64.5	64·2	63·2	63·8	66·2	69·2	70·0	70·2	69·2	69·7	69·4	68·2	68·5	67·5
21	68·4	68·4	68·3	68·1	67·5	67·0	66·2	65·4	64·2	64·1	64·0	63·7	63·4	63·2	62·8	65·5	68·2	68·5	67·2	68·0	69·2	70·1	69·2	68·5	66·6
22	68·2	68·0	67·7	67·4	67·4	67·5	67·2	56·2	65·6	65·3	65·0	64·6	64·2	64·2	65·0	66·2	69·2	68·2	68·2	67·9	67·7	67·7	68·2	68·4	66·9
23	68·2	68·1	68·0	68·1	68·2	68·4	68·0	67·2	67·7	67·9	68·2	67·3	66·4	66·2	67·0	67·2	68·5	70·2	71·4	69·6	69·0	69·0	68·5	68·6	68·2
24	68·5	68·0	67·6	67·3	67·1	67·0	67·2	67·2	66·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	64·9	64·7	64·5	64·2	64·2	65·2	67·3	69·2	69·2	69·8	70,2	70·2	69·4	69·4	68·7	67·4
26	68.2	67·8	67·6	67·4	67·0	66·2	66·2	65·9	65·2	65·7	66·2	66·4	66·6	67·2	67·1	67·4	69·2	70·2	71·1	72·2	71·7	71·4	70·4	70·2	68·1
27	71·1	71·7	70·9	71·3	71·1	70·2	70·7	70·2	70·4	69·9	69·4	69·3	69·2	69·2	69·4	70·9	71·2	72·2	72·4	72·7	72.0	71·6	71·2	71·2	70·8
28	71·6	71·3	71·4	71·0	71·2	70·4	70·4	70·2	69.2	63·7	68·2	68·0	67·7	66·7	66·9	67·7	70·2	71·0	71·2	71·2	70·9	71·2	71·0	70·5	69·9
29	70.4	69·7	69·3	69·0	68·5	68·2	68·2	68·2	68·4	67·3	66·6	66·2	65·7	65·3	65·2	67·2	69·2	71·2	72·4	73·2	73·4	72·9	72·4	72·6	69·2
30	73·2	72·4	73·0	72·2	72·2	72·0	71·2	71·2	70·4	69·8	69·2	68·9	68·5	67·7	67·7	69·9	71·9	71·9	71·2	71·6	71·7	71·7	71·8	71·5	70·9
Means.	70·0	69·7	69·4	69·2	69·0	68·9	68·8	68·5	68·0	67·8	67·5	67·1	66·8	66·4	66·6	68·1	70·0	70·8	70·9	70·7	70·5	70·5	70·2	70·2	69·0

* The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means.
N. B.—0·2 Added from the Registered Number or Corrected to Madras Standard Thermometer (Old.)

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4·41	h. m. 5·41	h. m. 6·41	h. m. 7·41	h. m. 8·41	h. m. 9·41	h. m. 10·41	h. m. 11·41	h. m. 12·41	h. m. 13·41	h. m. 14·41	h. m. 15·41	h. m. 16·41	h. m. 17·41	h. m. 18·41	h. m. 19·41	h. m. 20·41	h. m. 21·41	h. m. 22·41	h. m. 23·41	h. m. 0·41	h. m. 1·41	h. m. 2·41	h. m. 3·41	
HUMIDITY OF THE AIR. JANUARY 1853.										*		*													
1	0·69	0·78	9,81	0·63	9·86	9·87	9·90	0.91	0·92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·87	9·89	0·83	0·83	0·84	9·81	9·85	0·83	0·68	0·80	0·78	9·78	0.78	9·75	0·77	0·614
3	·80	·83	·88	·84	·88	·87	·88	·87	·87	·88	·89	·90	·91	·68	·89	·87	·63	·79	·78	77	·77	·75	·74	·78	·836
4	·82	·86	·84	·85	·86	·90	·90	·92	·93	·92	·91	·92	·92	·94	·94	·88	·58	·79	·77	·78	·75	·78	·75	·75	·649
5	·77	·80	·79	·81	·80	·60	·81	·78	·80	·80	·79	·61	·62	·82	·68	·77	·74	·68	·66	·68	·64	·63	·63	·66	·754
6	·68	·78	·74	·77	·79	·78	·85	·85	·87	·89	·90	·90	·90	·91	·91	·90	·88	·79	·75	·70	·88	·68	·68	·67	·795
7	·66	·70	·78	·78	·73	·72	73	·70	·78	·79	·83	·64	·85	·86	·85	·62	·71	·61	·80	·88	·56	·58	·87	·58	·715
8	·82	·65	·66	·79	·77	·80	·81	·88	·99	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·88	·88	·82	·88	·87	·88	·84	·81	·79	·88	·68	·60	·59	·60	·61	·759
10	·85	·87	·70	·78	·71	·76	·80	·84	·84	·85	·86	·88	·89	·99	·98	·86	·81	·76	·68	·68	·88	·63	·62	·63	·769
11	·64	·89	·72	·78	·79	·81	·83	·88	·65	·88	·87	·89	·90	·89	·88	·88	·84	·76	·77	·73	·78	·77	·78	·76	·800
12	·75	·78	·78	·81	·81	·80	·80	·77	·80	·82	·84	·85	·88	·67	·89	·84	·63	·78	·71	·68	·68	·68	·67	·66	·782
13	·66	·72	·75	·77	·77	·78	·78	·80	·81	·84	·87	·87	·87	·91	·91	·91	·86	·78	·71	·70	·67	·67	·66	·67	·781
14	·78	·78	·82	·88	·83	·83	·84	·87	·68	·91	·92	·92	·91	·98	·98	·91	·85	·78	·78	·70	·69	·71	·67	·83	·819
15	·78	·73	·81	·61	·82	·82	·82	·64	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·86	·88	·88	·90	·98	·88	·89	·76	·74	·78	·71	·68	·68	·69	·70	·800
17	·74	·78	·81	·68	·68	·83	·88	·86	·86	·86	·86	·89	·91	·88	·90	·88	·73	·78	·71	·69	·79	·70	·69	·71	·789
18	·73	·78	·80	·80	·77	·80	·77	·78	·81	·80	·79	·81	·69	·88	·81	·78	·72	·71	·78	·78	·66	·67	·69	·69	·761
19	·71	·74	·78	·77	·77	·77	·78	·79	·78	·82	·85	·86	·87	·88	·95	·88	·89	·85	·80	·61	·81	·73	·78	·77	·818
20	·80	·80	·81	·88	·88	·61	·80	·81	·83	·83	·83	·85	·86	·86	·65	·61	·74	·70	·70	·69	·70	·70	·78	·71	·756
21	·71	·78	·78	·68	·85	·67	·87	·88	·90	·91	·91	·91	·90	·98	·91	·92	·88	·68	·77	·74	·71	·78	·78	·79	·829
22	·74	·79	·81	·82	·88	·83	·84	·83	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·90	·91	·92	·98	·94	·98	98	·91	·88	·79	·75	·78	·74	·78	·73	·833
24	·72	·78	·88	·85	·85	·82	·84	·84	·65	·86	·86	·87	·67	·87	·68	·87	·68	·78	·78	·74	·78	·76	·77	·77	·816
25	·76	·80	·82	·85	·83	·85	·86	·86	·85	·86	·86	·87	·67	·68	·88	·66	·64	·76	·74	·73	·71	·70	·78	·74	·813
26	·78	·79	·81	·83	·88	·68	·86	·87	·88	·87	·88	·90	·88	·91	·99	·91	·86	·84	·77	·71	·70	·68	·86	·68	·821
27	·71	·77	·88	·68	·67	·67	66	·89	·87	·85	·88	·89	·89	·91	·91	·91	·89	·91	·84	·76	·76	·87	·60	·80	·886
28	·82	·88	·65	·62	·90	·89	·89	·90	·90	·90	·89	·93	·96	·93	·98	·94	·91	·88	·84	·82	·76	·78	·78	·78	·874
29	·81	·89	·83	·88	·89	·90	·90	·90	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·87	·87	·89	·90	·85	·83	·80	·77	·73	·71	·71	·70	·69	·68	·69	·813
31	·71	·74	·78	·81	·88	·94	·87	·83	·89	·88	·88	·88	·91	·91	·94	·86	·83	·79	·73	·68	·71	·72	·78	·74	·814
Means.	·728	·785	·790	·810	·618	·827	·838	·843	·854	·662	·888	·880	·887	·890	·892	·886	·821	·777	·741	·715	·798	·705	·700	·708	9·803
TENSION OF THE ATMOSPHERIC VAPOUR. JANUARY 1853.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. *	In.	In. *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·708	0·731	0·731	0·760	0·763	0·756	0·773	0·771	0·780	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·767	0·754	0·767	0·781	0·763	0·733	0·791	0·607	0·634	0·848	0·844	0·836	0·815	0·819	0·829	9·779
3	·830	·838	·828	·889	·631	·838	·836	·822	·817	·819	·628	·816	·814	·808	·833	·837	·847	·814	·887	·848	·854	·836	·827	·647	·861
4	·838	·818	·809	·803	·809	·859	·664	·887	·828	·815	·805	·810	·818	·625	·825	·626	·626	·837	·833	·885	·845	·842	·791	·816	·822
5	·794	·766	·770	·778	·768	·756	·759	·727	·748	·740	·728	·738	·769	·781	·727	·720	·724	·701	·896	·705	690	·669	·683	·893	·732
6	·659	·707	·700	·718	·718	·708	·783	·708	·717	·724	·738	·719	·707	·718	·708	·725	·733	·770	·755	·748	·736	·704	·893	·869	·718
7	·889	·878	·718	·658	·672	·686	.860	·615	·650	·868	·668	·886	·884	.858	·627	·870	·629	·597	·680	607	·619	·608	·809	·604	·650
8	·621	·611	·618	·613	·650	·687	·668	·665	·700	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·695	·690	·691	·693	·682	·871	·698	·716	·738	·691	·888	·648	·643	·659	·865	·668
10	·884	·858	·656	·681	·628	·646	·647	·658	·680	·645	·841	·646	·658	·649	·663	·870	·890	·708	·665	·648	·670	·670	·855	·848	·658
11	·653	·658	·661	·678	·691	·698	·701	·690	·678	·689	·700	·697	·694	·892	·664	·698	·735	·766	·773	·777	·759	·779	·780	·740	·710
12	·758	·748	·724	·788	·731	·714	·701	·878	·673	·878	·680	·700	·721	·717	·721	·728	·781	·736	·746	·743	·743	·738	·700	·711	·717
13	·891	·708	·707	·720	·718	·713	·708	·709	·708	·708	·696	·830	·668	·695	·806	·738	·750	·748	·717	·716	·719	·724	·705	·708	·709
14	·739	·751	·761	·758	·755	·745	·740	782	·729	·787	·726	·781	·717	·711	·711	·730	·763	·785	·777	·789	·788	·794	·747	·748	·745
15	·785	·779	·778	·773	·780	·777	·771	·779	·752	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·750	·621	·807	·793	·795	·804	·839	·797	·793	·807	·801	·787	·789	·768	·790	·788
17	·611	·808	·810	·816	·820	·821	·828	·829	·683	·619	·616	·632	·628	·767	·810	·798	·758	·721	·793	·778	·765	·776	·768	·778	·604
18	·778	·770	·783	·738	·746	·778	·741	·745	·759	·746	·751	·742	·754	·762	·752	·743	·741	·780	·768	·750	·739	761	·774	·768	·757
19	·769	·758	·741	·749	·745	·744	·755	.753	·750	·767	·784	·777	·771	·777	·619	·825	·818	·867	·608	·654	·838	·544	·826	·623	·750
20	·811	·791	·790	·799	·789	·784	·752	·757	·765	·760	·788	·762	·769	·759	·741	·756	·748	·737	·757	·751	.788	·772	·777	·763	·766
21	·758	·788	·753	·768	·760	·751	·747	·759	·750	·743	·787	·783	·780	·746	·726	·765	·820	·828	·822	·801	·787	·809	·788	·763	·767
22	·783	·800	·806	·805	·809	·812	·808	·811	·817	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·834	·651	·845	·839	·658	·859	·840	·842	·639	·840	·630	·836	·859	·840	821	·627
24	·807	·816	·635	·846	·637	·818	·886	·826	·820	·624	·639	·835	·537	·838	·826	·834	·627	·759	·624	·823	·833	·888	·838	.831	·827
25	·625	·638	·815	·816	·610	·825	·829	·824	·601	·805	·809	·817	·826	·838	·882	·867	·685	·856	·667	·864	·867	·887	·865	·874	·838
26	·869	·854	·839	·848	·847	·656	·846	·853	·641	·840	·839	·841	·843	·824	·826	·672	·871	·681	·656	·831	·838	·624	·619	·611	.844
27	·614	·838	·868	·879	·878	·869	·679	·673	·856	·857	·886	·860	·665	·885	·652	·636	·887	·864	·650	·807	·660	·680	·860	·650	·659
28	·859	·869	·827	·858	·865	.847	·663	·859	·863	·844	·685	·838	·847	.840	·852	·886	·908	·905	·909	·900	·882	·898	·861	·883	·864
29	·891	·867	·878	·900	·894	·901	·895	·861	·862	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·838	·818	·819	·833	·758	·774	·776	·790	·788	·768	·783	·783	·792	·773	·767	·825
31	·772	·768	·796	·808	·807	.798	·790	·783	·778	·751	·739	·737	·744	·754	·786	·786	·801	·795	·759	·740	·774	·791	·792	·608	·777
Means.	·787	·785	·789	·774	·773	·778	·771	·788	·768	·784	·764	·765	·767	·764	·768	·773	·764	·787	·768	·779	·778	·779	·779	·771	0·773

* The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. FEBRUARY 1853.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
										*		*													
1	0·74	0·78	0·78	0·79	0·81	0·82	0.82	0·83	0·83	0·86	0·88	0·89	0·89	0·91	0·92	0·89	0·83	0·77	0·69	0·66	0·71	0·66	0·64	0·66	0·793
2	·65	·69	·74	·78	·80	·80	·80	·80	·81	·88	·85	·87	·88	·90	·89	·87	·79	·76	·68	·64	·66	·66	·65	·65	·769
3	·63	·68	·73	·78	·77	·78	·80	·87	·86	·87	·87	·89	·90	·90	·93	·89	·83	·73	·62	·63	·59	·61	·63	·61	·766
4	·64	·67	·71	·73	·75	·82	·81	·85	·85	·85	·85	·86	·87	·88	·89	·90	·79	·69	·63	·62	·57	·57	·57	·55	·747
5	·60	·66	·75	·80	·83	·83	·83	·85	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·86	·86	·87	·88	·90	·89	·87	·81	·76	·69	·69	·67	·68	·66	·63	·779
7	·64	·83	·72	·75	·79	·85	·84	·87	·87	·89	·90	·92	·93	·92	·93	·91	·88	·80	·71	·67	·66	·64	·67	·67	·795
8	·68	·74	·74	·79	·79	·83	·81	·85	·86	·87	·87	·89	·90	·91	·91	·89	·83	·68	·64	·63	·60	·64	·67	·65	·778
9	·66	·69	75	·75	·75	·73	·79	·80	·81	·82	·83	·86	·88	·88	·90	·88	·78	·68	·63	·61	·63	·64	·67	·63	·752
10	·66	·69	·72	·74	·78	·80	·82	·84	·84	·85	·88	·85	·84	·86	·88	·87	·77	·68	·64	·59	·59	·61	·61	·60	·750
11	·60	·65	·64	·68	·67	·69	·69	·72	·74	·78	·82	·85	·87	·87	·85	·85	·79	·71	·66	·65	·64	·66	·64	·62	·722
12	·63	·67	·69	·73	·70	·72	·79	·81	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·86	·90	·92	·93	·90	·89	·89	·84	·77	·66	·62	·59	·60	·62	·63	·758
14	·62	·65	·70	·78	·82	·81	·86	·87	·88	·91	·93	·92	·90	·90	·91	·94	·88	·75	·67	·67	·67	·65	·60	·55	·785
15	·57	·61	·71	73	·78	·82	·84	·84	·84	·85	·86	·88	·89	·88	·90	·89	·81	·74	·68	·66	·65	·63	·63	·62	·763
16	·63	·87	·74	·78	·80	·83	83	·85	·86	·88	·89	·89	·88	·89	·90	·91	·85	·78	·71	·69	·67	·67	·65	·64	·786
17	·64	·67	·74	·78	·80	·81	·83	·83	·88	·84	·85	·87	·89	·89	·91	·85	·80	·74	·65	·63	·68	·62	·62	·61	·768
18	·63	·66	·70	·73	·78	·81	·82	·84	·90	·90	·90	·89	·88	·90	·90	·91	·78	·70	*	·63	·62	·63	·62	·64	·773
19	·64	·68	·70	·75	·76	·80	·84	·86	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·86	·85	·87	·89	·89	·89	·88	·84	·77	·71	·69	·67	·64	·64	·64	·776
21	·64	·69	·74	·81	·83	·84	·85	·88	·89	·89	·89	·90	·90	·90	·89	·91	·85	·73	·65	·57	·53	·46	·44	·48	·757
22	·54	·63	·74	·81	·83	·84	·84	·87	·87	·89	·90	·89	·88	·88	·90	·91	·77	·69	·64	·57	·54	·55	·56	·60	·756
23	·62	·70	·78	·82	·83	·85	·86	·85	·87	·89	·91	·91	·91	·92	·91	·84	·81	·71	·60	·54	·49	·50	·53	·52	·756
24	·54	·61	·70	·79	·80	·82	·84	·87	·86	·88	·90	·91	·92	·91	·91	·91	·83	·74	·69	·66	·69	·69	·68	·69	·785
25	·70	·74	·77	·79	·80	·80	·80	·83	·83	·85	·87	·90	·92	·92	·91	·89	·81	·67	·66	·62	·63	·62	·61	·64	·774
26	·64	·69	·71	·73	·74	·76	·77	·78	·78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·82	·86	·87	·87	·90	·90	·83	·75	·73	·70	·69	·65	·63	·61	·65	·753
28	·67	·74	·77	·79	·78	·82	·82	·86	·87	·88	·88	·90	·91	·92	·91	·90	·83	·78	·75	·72	·72	·68	·67	66	·801
Means.	·635	·680	·727	·765	·783	·808	·816	·838	·846	·862	·874	·888	·892	·897	·900	·887	·814	·732	·668	·639	·628	·623	·620	·618	0·769

TENSION OF THE ATMOSPHERIC VAPOUR. FEBRUARY 1853.

	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. *	In.	In. *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·783	0·782	0·773	0·767	0·776	0·776	0·763	0·760	0·740	0·744	0·749	0·741	0·734	0·745	0·752	0·769	0·782	0·778	0·747	0·718	0·780	0·739	0·731	0·738	0·758
2	·701	·720	·720	·748	·736	·725	·726	·721	·713	·716	·720	·730	·741	·755	·784	·764	·753	·753	·723	·629	·724	·725	·719	·702	·728
3	·682	·651	·650	·638	·695	·897	·691	·701	·690	·683	·678	·874	·673	·679	·659	·729	·731	·684	·624	·646	·619	·654	·673	·637	·680
4	·647	·651	·650	·643	·642	·662	·649	·652	·650	·653	·656	·856	·654	·641	·642	·702	·684	·650	·625	·646	·611	·641	·650	·621	·649
5	·634	·672	·683	·656	·675	·650	·827	·633	·630	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·627	·624	·620	·617	·628	·619	·669	·699	·711	·689	·711	·713	·725	·713	·676	·664
7	·677	·682	·683	·691	·703	·723	·700	·701	·685	·684	·884	·689	·695	·688	·702	·783	·751	·769	·718	·715	·732	·704	·734	·724	·707
8	·728	·746	·707	·726	·722	·711	·699	·698	·696	·680	·676	·682	·668	·852	·690	·724	·752	·678	·677	·678	·661	·688	·732	·683	·701
9	·694	·694	·717	·707	·687	·670	·693	·673	·666	·648	·631	·684	·638	·630	·641	·698	·705	·682	·669	·660	·682	·681	·708	·639	·673
10	·882	·680	·675	·684	·897	·688	·691	·670	·667	·661	·658	·632	·608	·628	·638	·667	·669	·665	·682	·619	·646	·662	·657	·630	·661
11	·618	·644	·608	·614	·618	·640	·634	·641	·639	·643	·647	·661	·676	·682	·654	·694	·724	·708	·683	·657	·699	·713	·698	·662	·662
12	·658	·662	·654	·672	·642	·653	·672	·675	·663	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·661	·660	·665	·671	·635	·634	·681	·721	·722	·669	·648	·846	·659	·676	·676	·666
14	656	·658	·664	·715	·716	·880	·692	·676	·675	·671	·667	·646	·626	·624	·625	·709	·745	·695	·657	·687	·697	·698	·649	·582	·671
15	·600	·607	·629	·606	·615	·630	·620	·604	·604	·598	·593	·594	·596	·593	·603	·654	·871	·685	·678	·634	·689	·678	·682	·676	·633
16	·665	·672	·680	·651	·648	·647	·625	·627	·622	·619	·616	·602	·589	·601	·807	·675	·713	721	·696	·705	·704	·713	·656	·685	·657
17	·685	·679	·666	·667	·657	·685	·627	·617	·600	·598	·587	·594	·601	·596	·621	·652	·652	·698	·648	·649	·867	·658	·663	·645	·641
18	·658	·652	·650	·655	·653	·657	·644	·650	·660	·651	·643	·630	·617	·632	·642	·703	·684	·663	†	·670	·667	·683	·681	·684	·658
19	·668	·865	·653	·675	·673	·675	·675	·669	·654	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·619	·584	·592	·600	·586	·592	·657	·716	·723	·703	·715	·724	·694	·697	·704	·663
21	·694	·708	·685	·682	·670	·650	·642	·650	·638	·627	·618	·618	·620	·604	·590	659	·713	·681	·675	·639	641	·590	·553	·610	·614
22	·855	·699	·728	·731	·716	·700	·675	·674	·655	·639	·623	·610	·597	·585	·598	·680	·864	·656	·673	·641	·634	·675	·889	·748	·664
23	·770	·792	·764	·770	·762	·737	·719	·698	·659	·711	·723	·706	·689	·692	·671	·639	·736	·722	·682	·636	·593	·818	·850	·639	·702
24	·655	·683	·712	·749	·726	·721	·715	·722	·808	·616	·694	·691	·688	·666	·662	·743	·757	·761	·760	·749	·795	·789	·786	·784	·727
25	·788	·789	·775	·778	·776	·771	·758	·764	·760	·748	·726	·730	·735	·735	·734	·772	·781	·729	·752	·716	·725	·748	·707	·736	·751
26	·725	·742	·723	·732	·740	·747	·780	·751	·746	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—		—	—	—	—	—	—	·758	·851	·650	·849	·862	·868	·840	·887	828	·821	·851	·758	·760	·787	·786	·793
28	·781	·806	·789	·756	·773	·797	·783	·782	·783	·778	·774	·778	·778	·778	·772	·834	·845	·855	·858	·850	·858	·821	·787	·774	·801
Means.	·688	·699	·695	·702	·697	·693	·687	·684	·676	·673	·670	·668	·666	·665	·666	·713	·731	·717	·699	·693	·696	·698	·694	·686	0·690

* The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means.
† The dry thermometer taken out from its place on account of Comparing with the other thermometers in the water.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. MARCH 1853.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 •	10	11 •	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·87	0·74	0·77	0·79	0·81	0·88	0·85	0·87	0·89	0·81	0·92	0·93	0·94	0·98	0·93	0·91	0·86	0·77	0·68	0·89	0·85	0·84	0·65	0·63	0·803
2	·68	·78	·78	·81	·84	·88	·89	·90	·91	·92	·98	·93	·92	·91	·92	·91	·83	·71	·81	·89	·61	·82	·85	·84	·795
3	·65	·88	·78	·80	·83	·88	·87	·87	·87	·90	·92	·92	·92	·98	·18	·89	·85	·78	·57	·55	·84	·63	·88	·83	·784
4	·82	·70	·78	·81	·85	·85	·87	·88	·89	·90	·91	·92	·22	·92	·51	·50	·84	·70	·67	·64	·83	·63	·68	·70	·756
5	·72	·76	·83	·86	·86	·88	·89	·90	·90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·50	·90	·91	·98	·96	·18	·91	·83	·75	·69	·88	·87	·83	·66	·66	·819
7	·67	·73	·78	·81	·58	·85	·88	·88	·88	·89	·89	·91	·52	·51	·91	·50	·88	·73	·71	·70	·87	·88	·69	·72	·803
8	·66	·68	71	·74	·78	·79	·72	·85	·85	·89	·92	·98	·94	·93	·94	·89	·88	·78	·74	·68	·80	·58	·81	·51	·767
9	·60	·64	·68	·71	·78	·77	·73	·52	·84	·86	·87	·88	·85	·87	·92	·87	·77	·78	·87	·88	·68	·67	·68	·87	·760
10	·87	·75	·78	·81	·85	·83	·87	·90	·90	·91	·92	·92	·51	·51	·93	·89	·84	·75	·71	·62	·56	·54	·56	·82	·788
11	·69	·74	·80	·80	·85	·85	·88	·88	·88	·87	·88	·87	·68	·91	·93	·89	·79	·68	·81	·49	·44	·43	·39	·44	·788
12	48	·53	·88	·71	·74	·77	·80	·81	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·86	·88	.90	·91	·91	·52	·90	·83	·75	·88	·60	·49	·88	·89	·61	·735
14	·81	·70	·77	·80	·88	·84	·85	·91	·95	·93	·91	·91	·91	·94	·93	·98	·87	·74	·86	·61	·88	·69	·70	·85	·759
15	·69	·77	·82	·83	·84	·86	·88	·88	·91	·92	·98	·94	·84	·93	·94	·98	·86	·78	·73	·71	·53	·87	·70	·89	·828
16	·78	·73	·82	·83	·85	·85	·88	·90	·69	·91	·92	·93	·93	·92	·88	·98	·85	·79	·72	·80	·85	·68	·80	·68	·820
17	·85	·70	·78	·88	·84	·88	·87	·90	·91	·93	·98	·94	·93	·94	·98	·82	·83	·75	·62	·52	·69	·68	·67	·71	·813
18	·78	·79	·81	·82	·84	·85	·87	·87	·90	·91	·91	·92	·93	95	·98	·91	·85	·78	·78	·70	·69	·89	·89	·72	·824
19	·75	·75	·79	·80	·84	·88	·88	·87	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·91	·93	·94	·94	·94	·58	·98	·85	·79	·75	·78	·72	·69	·70	·71	·830
21	·73	·76	·79	·80	·81	·88	·57	·90	·91	·91	·91	·94	·57	·97	·98	·88	·82	·76	·78	·70	·71	·68	·68	·72	·823
22	·71	·78	·78	·81	·83	·84	·86	·68	·58	·96	·58	·98	·95	·94	·58	·89	·85	·75	·78	·68	·88	·87	·60	·65	·818
23	·68	·73	·78	·78	·79	·82	·82	·85	·85	·87	·69	·89	·89	·90	·91	·87	·80	·81	·63	·84	·64	·88	·84	·63	·784
24	·68	·71	·76	·77	·78	·80	·81	·83	·84	·86	87	·91	·94	·94	·92	·50	·81	·78	·78	·65	·86	·88	·87	·66	·788
25	·70	·74	·78	·78	·72	·81	·84	·86	·88	·89	·90	·90	·89	·89	·90	·85	·78	·69	·54	·60	·65	·87	·68	·78	·783
26	·74	·76	·78	·72	·83	·83	·80	·85	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·88	·85	·83	·85	·84	·88	·86	·58	·89	·58	·88	·86	·87	·87	·83	·843
28	·90	·90	·83	·89	·89	·89	·90	·90	·89	·89	·89	·89	·88	·89	·87	·90	·88	·78	·77	·77	·74	·78	·75	·76	·850
29	·78	·80	·85	·84	·85	·85	·88	·88	·88	·88	·88	·89	·82	·89	·89	·89	·84	·80	·78	·72	·75	·74	·74	·73	·824
30	·78	·79	·84	·85	·88	·88	·88	·89	·90	·90	·90	·91	·98	·91	·90	·91	·83	·67	·83	·78	·72	·72	·72	·74	·840
31	·73	·88	·84	·83	·87	·89	·88	·88	·90	·90	·90	·98	·93	·94	·18	·85	·79	·73	·70	·67	·66	·89	·71	·73	·823
Means.	·690	·737	·783	·804	·824	·841	·885	·872	·888	·898	·904	·918	·916	·980	·924	·891	·831	·752	·701	·882	·657	·858	·661	·872	0·803

TENSION OF THE ATMOSPHERIC VAPOUR. MARCH 1853.

	Noon.	1	2	3	4	5	6	7	8	9 •	10	11 •	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·761	0·806	0·794	0·801	0·809	0·810	0·803	0·793	0·769	0·760	0·752	0·747	0·742	0·762	0·745	0·810	0·887	0·836	0·769	0·824	0·797	0·803	0·807	0·773	0·789
2	·798	·852	·819	·805	·796	791	·798	·780	·787	·786	·788	·789	·740	·709	·711	·798	·796	743	·877	·725	·764	793	·821	·803	·773
3	·799	·788	·795	·799	·789	797	·771	·758	·747	·758	·782	·765	·761	·757	·762	·804	·846	·797	·885	·698	869	·841	·837	·816	·783
4	·781	·826	·848	·843	·841	·833	·558	·858	·855	·829	·804	·799	·794	·779	·762	·834	·868	·784	·828	·758	·799	·809	·843	·910	·824
5	·883	·883	·895	·900	·881	·878	·880	·875	·872	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·858	·840	·838	·824	·821	·818	·868	·868	·845	·824	·842	·846	·818	·842	·838	·855
7	·828	·888	·817	·818	.808	·811	·792	·788	·787	·759	·731	·733	·735	·728	·721	·808	·829	·805	·681	857	·821	·845	·851	·850	·800
8	·798	·764	·730	·707	·699	·587	·881	·700	·653	·691	·699	·892	·686	·670	·698	·747	·788	·790	·814	·762	·721	·690	·834	·527	·715
9	·724	·793	·691	·858	·873	·850	·537	·644	·628	·838	·638	·689	·625	·639	·675	·717	·718	·753	·749	·784	·798	·758	·811	·801	·859
10	·772	·809	·805	·798	·805	·785	·758	·758	·751	·755	·780	·759	·758	·753	·762	·808	·838	·817	·830	·787	·708	·708	·730	·786	·773
11	·655	·849	·857	·814	·815	·758	·783	·770	·740	·742	·735	·785	·786	·743	·730	·804	·782	·686	·822	·858	·613	·808	·659	·624	·736
12	889	·678	·779	·755	·789	·770	·771	·754	·768	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·798	·802	·795	·789	·771	·792	·802	·877	·871	·797	·848	·725	·831	·883	·879	·794
14	·835	·872	·898	·887	·879	·867	·842	·858	·879	·871	·854	·844	·828	·899	·820	·895	·918	·867	·716	844	·928	·959	·972	·890	·868
15	·908	·948	·918	·899	·873	·847	·828	·782	·809	·809	·809	·805	·801	·790	·811	·875	·900	·906	·918	·909	·929	·875	·929	·910	·862
16	·924	·930	·899	·853	·850	·835	·828	·820	·752	·788	·785	·787	·790	·783	·814	·870	·885	·888	·856	·778	·868	·833	·559	·955	·852
17	·850	·868	·685	·898	·905	·917	·859	·885	·885	·879	·874	·854	·888	·829	·847	·875	·893	·878	·881	·787	·981	·934	·906	·938	·881
18	·933	·939	·914	·888	·871	·834	·825	·819	·820	·808	·798	·758	·790	·785	·808	·879	·902	·905	·855	·891	·908	·905	·928	·949	·866
19	·961	·885	·880	·855	·844	·883	·831	·808	·804	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·811	·819	·808	·794	·788	·808	·893	·924	·928	·927	·938	·987	·908	·903	·915	·866
21	·893	·857	·860	·849	·845	·854	·868	·869	·854	·848	·832	·827	·825	·815	·823	·848	·897	·914	·987	·922	·944	·914	·915	·950	·877
22	·916	·883	·875	·884	·889	·895	.908	.913	·966	·950	·934	·908	·873	·858	·889	·819	·955	·932	·948	·928	·947	·943	·851	·875	·909
23	·917	·912	·909	·892	·894	.908	·901	·903	·894	·889	·885	·854	·823	·828	·859	·910	·950	1·003	·929	·881	·891	·920	·915	·890	·899
24	·907	·920	·902	·884	·889	.895	·859	·858	·901	·882	·853	·865	·873	·889	·878	·939	·942	0·940	·983	·927	·921	·918	·905	·899	·905
25	·906	·897	·890	·880	·888	·856	·902	·878	·873	·875	·875	·870	·868	·861	·874	·907	·884	·851	·809	·787	·871	855	·875	·916	·876
26	·874	·877	·883	·890	·924	·917	·908	·934	·940	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·901	·868	·868	·878	·878	·897	·911	·942	·934	·968	·958	·967	·987	1·011	·898	·917
28	·911	·925	·889	·909	·903	·896	·917	·918	·914	·914	·914	·918	·922	·988	·941	·835	·980	·988	·952	·958	·978	·958	0·960	·978	·931
29	·988	·993	·914	·918	·910	·915	.917	·917	·917	·917	·917	·911	·905	·908	.949	·874	·983	·992	·988	·948	·973	·953	·892	·956	·938
30	·956	·948	·940	·943	·948	·954	959	·981	·970	·963	·958	·955	·954	·935	·916	·964	·962	·873	·945	·911	·965	·969	·953	·985	·948
31	948	·955	·944	·935	·940	·951	·912	·888	·901	·857	·853	·898	·904	·913	·950	·959	·962	·964	·938	·947	·982	·980	·980	·984	·938
Means.	·859	·865	·860	·852	·850	·844	·839	·854	·833	·827	·821	·815	·809	·804	·816	·861	·888	·871	·854	·846	·882	·871	·873	·873	0·847

• The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means.

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HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. APRIL, 1853.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·77	0·81	0·86	0·87	0·88	0·90	0·90	0·91	0·93	0.94	0·94	·94	0·94	0·98	0·93	0·87	0·77	0·74	0·73	0·88	0.88	0·71	0·70	0·74	0·837
2	·78	·78	·84	·68	·87	·88	·81	·91	·93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·98	·92	·88	·91	·98	·89	·84	·81	·76	·78	·71	·69	·74	·75	·75	·835
4	·78	·89	·85	·88	·85	·88	·91	·91	·92	·93	·93	·93	·93	·92	·91	·86	·77	·72	·71	·70	·65	·79	·74	·75	·833
5	·77	·82	·87	·88	·91	·92	·94	·94	·93	·93	·93	·89	·86	·88	·89	·82	·77	·74	·71	·63	·70	·79	·71	·69	·823
6	·78	·84	·87	·87	·83	·87	·83	·87	·91	·81	·92	·92	·98	·99	·90	·85	·77	·70	·77	·92	·91	·82	·76	·73	·853
7	·69	·78	·81	·83	·86	·87	·90	·90	·98	·91	·89	·83	·88	·97	·93	·90	·83	·79	·77	·74	·74	·73	·78	·74	·839
8	·76	·75	·88	·83	·88	·84	·88	·88	·88	·92	·98	·95	·94	·95	·94	·89	·80	·75	·71	·72	·70	·70	·73	·72	·825
9	·70	·73	·79	·88	·82	·83	·89	·84	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·87	·91	·93	·94	·98	·88	·89	·80	·82	·84	·80	·80	·83	·78	·80	·833
11	·81	·81	·88	·90	·91	·92	·92	·91	·94	·98	·91	·94	·97	·95	·91	·82	·77	·76	·73	·69	·70	·68	·68	·70	·838
12	·78	·78	·81	·84	·88	·88	·90	·92	·91	·91	·90	·98	·98	·98	·94	·87	·88	·71	·66	·64	·70	·69	·67	·70	·819
13	·73	·77	·89	·84	·84	·87	·88	·89	·90	·91	·91	·92	·98	·94	·90	·94	·77	·74	·69	·87	·70	·69	·70	·71	·812
14	·73	·79	·85	·87	·89	·89	·91	·90	·91	·92	·93	·94	·98	·97	·92	·83	·78	·78	·69	·70	·71	·69	·69	·73	·830
15	·78	·78	·80	·83	·84	·85	·87	·89	·91	·92	·92	·94	·93	·98	·92	·84	·81	·78	·89	·71	·70	·89	·78	·79	·828
16	·74	·79	·88	·83	·84	·84	·86	·88	·90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·81	·82	·92	·91	·93	·90	·88	·80	·78	·73	·69	·83	·87	·86	·88	·810
18	·71	·78	·79	·81	·85	·87	·88	·88	·89	·90	·91	·93	·94	·95	·93	·88	·78	·70	·81	·67	·68	·88	·69	·70	·804
19	·69	·73	·79	·80	·82	·84	·84	·88	·87	·89	·91	·93	·94	·95	·89	·84	·78	·74	·71	·70	·69	·71	·70	·69	·804
20	·70	·73	·78	·79	·80	·83	·88	·88	·89	·91	·99	·92	·93	·94	·92	·84	·76	·71	·69	·89	·88	·69	·89	·70	·801
21	·71	·75	·79	·80	·82	·84	·85	·83	·87	·89	·90	·92	·94	·98	·98	·83	·78	·89	·69	·69	·70	·69	·69	·69	·798
22	·70	·73	·77	·77	·79	·82	·83	·89	·92	·98	·92	·98	·93	·98	·90	·88	·73	·88	·86	·87	·85	·68	·87	·87	·791
23	·88	·71	·76	·77	·79	·79	·82	·84	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·87	·89	·91	·92	·93	·93	·81	·75	·87	·65	·67	·85	·87	·89	·88	·777
25	·88	·78	·78	·79	·81	·82	·88	·84	·87	·90	·93	·93	·93	·94	·91	·82	·72	·71	·83	·67	·87	·87	·86	·88	·789
26	·70	·78	·77	·79	·79	·80	·82	·85	·88	·89	·89	·90	·90	·90	·88	·81	·74	·73	·38	·67	·63	·88	·72	·73	·738
27	·70	·77	·81	·81	·79	·81	·80	·88	·86	·89	·92	·91	·89	·87	·83	·85	·79	·70	·67	·84	·62	·67	·86	·87	·781
28	·88	·73	·78	·80	·82	·83	·84	·84	·88	·88	·89	·91	·92	·83	·87	·83	·74	·69	·66	·65	·65	·88	·87	·67	·785
29	·70	·73	·79	·81	·81	·82	·84	·84	·84	·86	·88	·90	·91	·93	·84	·73	·87	·81	·81	·83	·83	·82	·84	·83	·760
Means.	·726	·784	·810	·828	·840	·858	·865	·878	·858	·906	·914	·923	·998	·936	·901	·840	·788	·720	·889	·656	·892	·700	·701	·707	0.818

TENSION OF THE ATMOSPHERIC VAPOUR. APRIL, 1853.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·940	0·942	0·945	0·941	0·934	0·938	0·939	0·926	0·937	0·936	0·933	0·934	0·926	0·931	0·937	0·947	0·916	0·921	0·963	0·949	0·948	0·918	0·930	0·960	0·939
2	·937	·819	·888	·989	·941	·936	·955	·949	·980	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·989	·928	·911	·815	·900	·898	·900	·887	·954	·952	·974	·998	·850	·999	·999	·944
4	·980	·954	·987	·936	·945	·950	·957	·955	·958	·954	·958	·944	·982	·901	·921	·945	·905	·907	·950	1·066	·991	1·0[illegible]	1·024	·951	·956
5	1·001	·975	·979	·971	·930	·981	·987	·986	·979	·961	·950	·920	·891	·908	·919	·928	·941	·958	·969	0·971	·971	0·940	0·966	1·081	·983
6	0·999	·994	·979	·955	·948	·933	·918	·913	·944	·989	·985	·939	·980	·922	·941	·972	·942	·909	·780	·808	·834	·806	·815	0·781	·907
7	·788	·819	·788	·802	·810	·805	·812	·813	·831	·817	·804	·888	·862	·872	·883	·941	·934	·938	·948	·931	·930	·939	·934	·899	·864
8	·907	·848	·872	·850	·836	·842	·852	·852	·858	·854	·853	·840	·828	·882	·869	·899	·874	·863	·864	·876	·878	·878	·887	·872	·869
9	·837	·837	·847	·887	·853	·834	·818	·821	·820	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·846	·878	·879	·888	·891	·852	·948	·914	·858	·885	·809	·882	·834	·827	·895	·884
11	·811	·818	·799	·808	·809	·803	·818	·799	·808	·798	·782	·803	·824	·804	·809	·818	·817	·878	·901	·908	·920	·859	·875	·875	·831
12	·889	·888	·889	·900	·908	·912	·910	·904	·912	·884	·858	·885	·874	·886	·918	·933	·932	·910	·845	·890	·997	·894	·887	·892	·855
13	·896	·886	·891	·900	·885	·906	·909	·903	·904	·888	·873	·875	·878	·886	·813	·913	·912	·947	·923	·939	·979	·943	·941	·932	·908
14	·927	·948	·950	·958	·981	·954	·958	·943	·944	·939	·934	·928	·919	·933	·958	·984	·948	·952	·935	·983	·950	·928	·931	·940	·949
15	·948	·927	·857	·898	·900	·909	·915	·921	·948	·923	·924	·920	·918	·929	·958	·939	·974	·948	·900	·913	·908	·981	·950	·985	·998
16	·981	·988	·991	·858	·903	·894	·856	·881	·887	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·868	·838	·810	·789	·801	·858	·897	·917	·881	·885	·876	·818	·874	·873	·883	·870
18	·886	·889	·865	·868	·863	·884	·858	·850	·834	·838	·838	·838	·834	·851	·887	·929	·900	·869	·818	·899	·905	·907	·887	·883	·887
19	·855	·865	·880	·874	·879	·877	·888	·868	·837	·858	·849	·843	·838	·839	·871	·928	·906	·904	·886	·909	·910	·943	·920	·892	·880
20	·885	·864	·844	·847	·855	·889	·877	·873	·858	·857	·858	·848	·840	·836	·900	·924	·981	·924	·919	·944	·918	·919	·923	·931	·885
21	·910	·917	·911	·900	·904	·909	·909	·909	·909	·905	·901	·858	·819	·891	·929	·924	·865	·883	·910	·928	·945	·928	·945	·918	·911
22	·900	·925	·878	·877	·885	·889	·890	·887	·853	·878	·853	·854	·855	·877	·910	·932	·903	·867	·883	·905	·898	·908	·894	·833	·888
23	·875	·889	·878	·878	·872	·864	·874	·878	·881	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·861	·861	·847	·838	·846	·887	·921	·933	·863	·898	·950	·917	·999	·138	·854	·884
25	·881	·958	·857	·887	·907	·913	·903	·910	·987	·923	·917	·903	·890	·892	·933	·960	·929	·959	·923	·934	·853	·935	·981	·92[illegible]	·917
26	·931	·935	·908	·918	·911	·917	·924	·934	·973	·955	·989	·924	·911	·873	·942	·981	·958	·928	·982	·943	·943	·968	·988	·980	·937
27	·988	·938	·835	·924	·857	·917	·897	·903	·929	·924	·928	·918	·908	·853	·875	·908	·911	·900	·888	·868	·893	·937	·931	·93[illegible]	·910
28	·904	·918	·915	·922	·918	·931	·931	·912	·929	·931	·933	·927	·922	·981	·985	·979	·961	·926	·932	·911	·928	·985	·983	·931	·930
29	·931	·930	·988	·924	·937	·930	·987	·938	·928	·918	·897	·908	·914	·922	·931	·903	·894	·887	·911	·955	·945	·946	·941	·993	·928
Means.	·908	·905	·897	·897	·896	·899	·900	·897	·902	·892	·888	·884	·880	·881	·908	·929	·919	·902	·902	·918	·981	·998	·923	·917	0·904

* The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means.

N. B.—From this time the Humidity and Tensions are calculated with reduction of Dry and Wet Thers. to the new Observatory Standard.

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HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. (MAY 1853.)

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
April. 30	0·66	0·71	0·76	0·79	0·81	0·81	0·83	0·84	0·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·88	0·92	0·93	0·93	0·94	0·86	0·81	0·74	0·70	0·66	0·68	0·69	0·71	0·74	0·74	0·791
2	·75	·76	·83	·84	·87	·88	·90	·90	·89	·91	·93	·93	·98	·96	·92	·80	·74	·89	·68	·67	·71	·71	·72	·72	·818
3	·74	·78	·83	·84	·85	·86	·87	·89	·90	·91	·93	·94	·96	·93	·92	·80	·73	·68	·65	·65	·64	·67	·68	·71	·806
4	·74	·75	·81	·84	·85	·87	·83	·89	·90	·91	·91	·92	·93	·93	·87	·80	·71	·65	·62	·68	·68	·69	·69	·75	·802
5	·78	·79	·86	·88	·87	·90	·90	·90	·88	·89	·90	·91	·92	·89	·84	·77	·74	·66	·66	·66	·68	·69	·70	·71	·807
6	·74	·77	·84	·84	·87	·88	·88	·90	·88	·90	·91	·92	·92	·92	·88	·80	·71	·68	·65	·63	·66	·65	·68	·71	·801
7	·73	·77	·81	·83	·84	·86	·89	·90	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·91	·92	·94	·95	·94	·87	·79	·71	·72	·68	·85	·66	·70	·70	·74	·808
9	·74	·80	·85	·83	·84	·85	·86	·87	·88	·90	·91	·92	·93	·92	·86	·85	·78	·67	·68	·72	·67	·62	·66	·68	·804
10	·73	·76	·83	·84	·84	·85	·89	·88	·86	·88	·90	·91	·91	·92	·84	·78	·63	·65	·59	·59	·53	·57	·61	·64	·772
11	·71	·76	·84	·84	·84	·84	·80	·83	·83	·83	·83	·82	·81	·83	·79	·72	·68	·59	·51	·48	·46	·48	·53	·60	·718
12	·88	·64	·60	·58	·60	·63	·73	·81	·79	·78	·76	·78	·79	·75	·69	·63	·56	·51	·43	·44	·40	·50	·52	·51	·632
13	·54	·60	·76	·78	·78	·80	·84	·85	·83	·85	·86	·80	·74	·70	·70	·70	·63	·47	·40	·37	·35	·34	·42	·46	·648
14	·51	·54	·84	·70	·71	·71	·73	·76	·77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·74	·70	·72	·78	·72	·67	·60	·51	·47	·46	·41	·42	·46	·52	·56	·615
16	·66	·70	·71	·76	·78	·78	·79	·80	·77	·77	·77	·73	·68	·88	·65	·60	·55	·49	·46	·38	·56	·60	·56	·60	·657
17	·61	·66	·75	·81	·82	·83	·86	·88	·84	·83	·81	·81	·89	·83	·80	·70	·55	·50	·46	·42	·38	·47	·54	·57	·689
18	·61	·87	·77	·81	·86	·86	·87	·78	·77	·73	·79	·80	·81	·81	·73	·64	·59	·50	·44	·41	·34	·50	·57	·61	·680
19	·68	·69	·73	·82	·83	·83	·83	·84	·81	·81	·80	·79	·77	·75	·73	·65	·54	·46	·40	·33	·45	·45	·49	·53	·666
20	·62	·69	·77	·83	·83	·83	·83	·82	·77	·76	·74	·76	·78	·79	·78	·72	·85	·56	·43	·40	·42	·36	·33	·54	·669
21	·62	·69	·78	·77	·77	·81	·83	·79	·81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·86	·90	·91	·91	·91	·86	·77	·73	·66	·74	·68	·71	·69	·62	·72	·772
23	·78	·81	·87	·88	·88	·89	·90	·87	·84	·84	·84	·84	·84	·88	·80	·69	·60	·58	·50	·59	·61	·65	·67	·67	·757
24	·68	·76	·80	·88	·69	·71	·67	·68	·70	·71	·72	·75	·78	·79	·75	·71	·62	·57	·53	·49	·61	·65	·68	·68	·683
25	·72	·79	·82	·81	·80	·78	·75	·75	·74	·75	·76	·73	·69	·78	·67	·63	·60	·55	·53	·49	·50	·48	·43	·42	·663
26	·56	·84	·74	·80	·83	·83	·82	·78	·81	·78	·75	·75	·75	·75	·70	·68	·56	·53	·52	·49	·44	·42	·43	·43	·655
27	·43	·43	·88	·70	·72	·74	·78	·79	·77	·77	·76	·72	·68	·71	·61	·60	·55	·51	·49	·44	·44	·40	·41	·49	·600
28	·56	·68	·77	·80	·76	·77	·79	·77	·81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	— *	—	—	—	—	—	—	—	·88	·90	·87	·83	·78	·73	·69	81	·58	·54	·52	·57	·60	·63	·61	·710
30	·64	·67	·78	·81	·84	·84	·84	·84	·80	·80	·79	·80	·81	·81	·74	·63	62	·57	·53	·55	·59	·73	·66	·64	·723
31	·63	·70	·77	·81	·82	·78	·70	·76	·77	·77	·77	·79	·80	·80	·70	·64	56	·53	·50	·56	·57	·58	·56	·56	·687
Means.	·660	·704	·776	·801	·807	·815	·827	·828	·820	·829	·832	·838	·829	·826	·776	·711	·638	·581	·550	·533	·548	·566	·581	·615	0·720

TENSION OF THE ATMOSPHERIC VAPOUR. (MAY 1853.)

	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
April. 30	0·932	0·910	0·930	0·940	0·945	0·930	0·932	0·934	0·933	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·910	0·948	0·944	0·910	0·952	0·900	1·002	0·971	0·980	0·946	0·984	1·009	1·025	1·017	1·005	0·959
2	·992	·983	·997	1·000	1·008	1·006	1·003	·994	·979	·979	·979	·968	·957	·964	1·016	·012	·961	·963	·966	·962	·009	·011	·022	·023	·990
3	1·003	1·003	·988	0·989	0·984	0·991	0·995	1·002	·994	·983	·983	·973	·964	·963	0·998	·005	·955	·948	·928	·925	0·923	0·950	0·949	0·974	·978
4	0·986	0·910	·977	·983	·981	·994	·996	0·989	·982	·974	·967	·962	·957	·955	·971	0·948	·969	·935	·916	·952	·991	·987	·987	1·011	·976
5	1·019	1·023	1·029	1·023	1·001	1·004	1·003	1·003	·978	·978	·978	·980	·982	·952	·962	·958	·937	·933	·947	·939	·968	·980	·950	0·966	·981
6	0·981	0·997	0·982	0·970	0·981	0·977	0·977	0·978	·974	·978	·932	·971	·961	·953	1·007	·995	·975	·967	·941	·921	·944	·954	·966	·979	·971
7	·992	·997	·957	·967	·968	·968	·974	·975	·977	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·960	·961	·961	·962	·956	0·972	·979	·950	·972	·968	·960	·994	·957	1·005	1·028	·975
9	1·007	1·010	1·005	·967	·969	·969	·963	·961	·973	·974	·976	·975	·975	·979	·795	·860	·898	·905	·954	1·016	·978	·946	0·956	0·964	·957
10	0·974	0·993	0·991	·979	·974	·971	·990	·994	·984	·991	·998	·990	·982	·984	·956	·981	·943	·943	·912	0·900	·908	·878	·911	·939	·963
11	·975	·951	1·004	1·002	·995	·996	·990	·960	·949	·929	·909	·885	·862	·868	·892	·924	·927	·888	·841	·844	·833	·817	·904	·953	·922
12	·954	·883	0·794	0·733	·730	·756	·862	·952	·892	·855	·819	·809	·800	·788	·795	·822	·800	·785	·776	·787	·744	·852	·884	·858	·823
13	·882	·907	·999	·999	·956	·982	1·003	·998	·976	·968	·961	·894	·827	·775	·803	·855	·830	·705	·678	·684	·667	·678	·745	·793	·858
14	·650	·851	·906	·938	·930	·923	0·931	·935	·940	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·863	·757	·803	·809	·798	·832	·842	·778	·778	·806	·748	·789	·848	·912	·913	·855
16	·929	·961	·960	·963	·979	·972	·977	·978	·942	·923	·905	·837	·769	·766	·754	·614	·822	·801	·808	·733	·948	·929	·922	·935	·890
17	·935	·932	·980	1·015	1·034	1·019	1·028	1·036	·993	·970	·942	·927	·912	·922	·913	·941	·759	·800	·774	·763	·738	·841	·926	·958	·922
18	·962	·976	1·000	·010	·034	·028	·033	0·944	·933	·921	·910	·915	·921	·901	·870	·878	·671	·822	·773	·777	·691	·884	·941	·962	·915
19	·968	·941	0·975	·017	·019	·008	0·997	·995	·951	·984	·917	·886	·856	·845	·864	·839	·825	·768	·728	·672	·787	·809	·869	·914	·893
20	·979	·987	·997	·023	·021	·005	·996	·985	·945	·906	·868	·883	·898	·915	·905	·906	·864	·843	·824	·771	·795	·783	·701	·944	·904
21	·958	·969	·994	0·997	0·990	·014	1·021	·975	·983	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·988	·994	·993	·992	1·002	1·016	·999	1·006	·998	1·043	1·037	1·017	1·003	·882	·970	·994
23	1·004	1·043	1·037	1·032	1·017	·023	·034	·991	·931	·915	·900	·894	·883	0·865	0·874	·857	0·914	·786	0·805	0·901	0·927	0·946	·961	·943	·933
24	0·939	0·959	0·975	0·953	0·796	0·807	0·788	·789	·793	·795	·797	·808	·819	·823	·842	·886	858	·846	·848	·846	·938	·982	·944	·948	·866
25	·955	·972	·974	·962	·956	·984	·908	·903	·853	·850	·847	·794	·743	·769	·760	·796	·823	·807	·889	·823	·831	·812	·804	·792	·854
26	·862	·903	·953	·976	·933	·970	·964	·943	·953	·924	·893	·888	·891	·843	·860	·877	·829	·792	·793	·800	·803	·783	·762	·782	·877
27	·772	·706	·918	·920	·926	·929	·950	·945	·948	·930	·912	·856	·801	·828	·749	·779	·804	·793	·827	·789	·798	·760	·781	·856	·845
28	·896	·955	·960	·976	·985	·944	·946	·949	·951	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·949	·947	·904	·862	·802	·808	·854	·803	·818	·820	·832	·879	·913	·886	·883	·854
30	·900	·921	·936	·957	·983	·903	·886	·983	·889	·872	·836	·839	·823	·820	·846	·868	·858	·857	·825	·851	·839	·956	·917	·910	·897
31	·927	·906	·938	·958	·963	·914	·812	·855	·879	·865	·852	·855	·859	·843	·838	·833	·806	·814	·818	·862	·900	·888	·878	·841	·871
Means.	·946	·951	·968	·972	·965	·964	·965	·960	·944	·981	·919	·903	·889	·883	·887	·904	·877	·861	·857	·856	·879	·895	·905	·928	0·917

* The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. JUNE 1853.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·61	0·63	0·71	0·77	0·78	0·75	0·77	0·80	0·77	0·77	0·76	0·78	0·80	0·80	0·75	0·68	0·52	0·82	0·54	0·45	0·44	0·40	0·39	0·45	0·860
2	·57	·60	·69	·73	·78	·99	·82	·83	·21	81	·80	·80	·72	·72	·70	·61	·58	·50	·46	·49	·39	·37	·26	·35	·239
3	·34	·40	·46	·50	·52	·84	·58	·52	·58	·58	·82	·68	·63	·60	·56	·52	·49	·47	·44	·41	·36	·35	·35	·42	·490
4	·47	·53	·81	·50	·51	·54	·58	·54	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·65	·73	·73	·72	·87	·80	·58	·50	·49	·47	·42	·39	·36	·38	·34	·537
6	·48	·50	·59	·64	·80	·68	·55	·56	·59	·61	·63	·65	·67	·65	·60	·54	·49	·48	·44	·42	·39	·39	·46	·48	·548
7	·81	·80	·68	·65	·67	·70	·73	·74	·70	·66	·92	·63	·69	·63	·58	·55	·50	·47	·44	·40	·38	·41	·46	·82	·875
8	·59	·28	·75	·74	·79	·70	·80	·81	·80	·76	·72	·70	·27	·64	·59	·54	·51	50	·45	·42	·39	·45	·48	·51	·828
9	·62	·68	·70	·74	·77	·75	·74	·74	·78	·73	·73	·72	·70	·86	·53	·57	·52	·49	·48	·41	·40	·45	·45	·51	·620
10	·59	·28	·87	·68	·68	·70	·59	·83	00	·21	·81	·69	·82	·62	·63	·50	·56	·55	·52	·50	·53	·64	·73	·67	·810
11	·70	·78	·79	·81	·80	·81	·84	·58	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·76	·85	·64	·63	·63	·82	·57	·53	·50	·47	·44	·41	·37	·52	·52	·845
13	·58	·72	·78	·66	·87	·67	·70	·74	·79	·78	·76	·74	·71	·67	·64	·57	·54	·52	·48	·47	·49	·41	·49	·56	·625
14	·62	·73	·73	·74	·78	·74	80	·78	·73	·74	·89	·89	·89	·67	·66	·66	·21	·64	·50	48	·45	·47	·45	·46	·841
15	·49	·58	·80	·88	·61	·81	·68	·79	·81	·80	·78	·77	·75	·72	·58	·86	·89	·86	·63	·57	·54	·53	·54	·67	·654
16	·04	·74	·75	·78	·75	·78	·76	·80	·80	·78	·75	·78	·80	·86	·89	·27	·85	·74	·67	·60	·68	·80	·52	·82	·731
17	·56	·52	·80	·69	63	·63	·69	·68	·71	·73	·74	·74	·74	·74	·73	·72	·68	·57	·60	·50	·48	·44	·42	·43	614
18	·47	·81	·88	·86	·88	·88	·89	·50	·52	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·75	·58	·80	·62	·68	·64	·61	·54	·49	·46	·42	·43	·40	·40	·42	·844
20	·48	·47	·45	·84	·70	·73	·74	·76	·89	·27	·84	·64	·21	·86	·63	·82	·47	·45	·44	·48	·40	·41	·49	·42	·656
21	·41	·49	·59	·70	·75	·74	·74	·78	·72	·72	·71	·73	·78	·70	·83	·55	·81	·46	·44	·41	·40	·38	·40	·89	·523
22	·65	·80	·72	·72	·86	·86	·88	·87	·81	·75	·75	·78	·77	·81	·70	·74	·65	·58	·48	·47	·47	·44	·42	·88	·880
23	·48	·64	·73	·78	·70	·78	·68	·58	·58	·60	·62	·24	·85	·65	·68	·58	·50	·53	·47	·45	·44	·40	·42	·48	·568
24	·49	·71	·70	·61	·80	·78	·79	·83	77	·74	·70	·70	·70	·58	·85	·59	·55	·51	·47	·45	·46	·44	·41	·41	·630
25	·43	·58	·59	·72	·73	·74	·75	·74	·72	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·86	·80	·80	·60	·60	·58	·57	·65	·48	·43	·41	·38	·41	·39	·87	·871
27	·39	·42	·69	·71	·75	·88	·83	·65	·88	·65	·63	·64	·65	.63	·59	·83	·81	.47	·48	·48	·89	·36	·87	·85	·551
28	·47	·57	·70	·78	75	·79	·82	·84	·76	·76	·75	·75	·74	·68	·57	·55	·51	·46	·45	·44	·89	·37	·36	·38	·607
29	·55	·62	·77	·78	·79	·80	·81	·83	·62	·85	·88	·88	·84	·75	·73	·68	·83	·57	·49	·44	·40	·40	·41	·40	·870
30	·52	·78	·74	·70	·69	·73	·77	·90	·83	·84	·84	·81	·78	·74	·71	·70	·55	·57	·51	·45	·45	·45	·48	·46	.686
Means.	·525	·814	·874	·708	·724	·780	·728	·743	·737	·723	·703	·705	·703	·088	·655	609	·569	·525	·482	·458	·429	·428	·440	·451	0·614

TENSION OF THE ATMOSPHERIC VAPOUR. JUNE 1853.

	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·874	0·880	0·886	0·940	0·949	0·912	0·916	0·989	0·879	0·866	0·855	0·857	0·859	0·863	0·887	0·865	0·854	0·884	0·846	0·730	0·739	0·736	0·738	0.795	0·856
2	·869	·884	·018	·923	·052	·956	·987	·939	·957	948	·939	·912	·897	·883	·854	·821	·781	·789	·775	·754	·729	·724	·745	·783	·884
3	·718	·763	·780	·783	·788	·796	·757	·729	·719	·740	·782	·755	·748	·718	·659	·701	·710	·711	·723	·728	·652	·691	·601	·758	·735
4	·798	·840	·903	·804	·819	·789	·746	·789	·752	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·808	·880	·849	·838	·763	·723	·703	·787	·744	·757	·749	·717	·719	·708	·728	·777
6	·813	·824	·904	·925	·853	·905	·785	·782	·790	·808	·817	·818	·816	·777	·766	·750	·746	·749	·760	·763	·739	·755	·801	·823	·806
7	·850	·007	·870	·871	877	·907	·925	·934	·876	·841	·807	·791	·776	·780	·754	·771	·754	·758	·762	·752	·737	·771	·812	·859	·922
8	·917	·951	·982	·980	·994	·980	·985	·985	·959	·926	·891	·835	·820	·777	·741	·786	·750	·728	·780	·757	·748	·708	·846	,893	·867
9	·912	·915	·908	·930	·950	·931	·915	·909	·877	·871	·856	·847	·828	·805	·819	·807	·804	·811	·809	·742	·764	·820	·830	·894	·859
10	·943	·999	·106	·908	·878	·909	·763	·773	·749	·741	·738	·727	·729	·719	·743	·734	·743	·799	·781	·772	·809	·853	·991	·857	·810
11	·884	·917	·928	·928	·923	·981	·931	·011	·987	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·841	·746	·734	·728	·722	·740	,738	·747	·746	·727	·718	·701	·872	,776	·787	·808
13	·825	939	·900	·814	·753	797	·797	·854	·912	·810	·874	·884	·704	·760	·752	·749	·759	·764	·749	·770	·786	·753	·796	·836	·911
14	·880	·878	·883	·901	·843	·857	·859	·847	·851	·810	·778	·773	·788	·749	·752	.774	·752	·763	·747	·738	·698	·737	·719	·731	·793
15	·758	·775	·815	·857	·795	·789	·918	·880	·852	·880	·868	·855	·842	805	·768	·758	·786	·798	·810	·795	·796	·770	·791	·829	·815
16	·882	·908	·887	·850	·882	·875	·869	·859	·816	·798	·781	·784	·752	·824	·844	·853	·863	·911	·763	·734	·787	·765	·729	·738	·818
17	·770	·766	·778	·784	·760	·767	·744	·769	·783	·785	·789	·777	·773	·777	·752	·807	·768	·757	·701	·702	·707	·660	·581	·682	·753
18	·700	·812	890	·105	·921	·908	·938	·947	·950	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·804	·858	·664	·871	·689	·684	·691	·680	·669	·688	·654	·878	·681	·673	·875	·761
20	·688	·717	·857	·709	·858	·870	·884	.879	·780	·751	·723	·704	·685	·884	,703	·675	·869	·650	·688	·588	·681	·684	·699	·709	·728
21	·655	·701	·818	·854	·870	·890	·868	·876	·826	·808	·756	·731	·777	·751	·747	·715	·726	·701	·708	·680	·692	·689	·718	·865	·763
22	·878	·870	·877	·883	·929	·936	·949	·955	·898	·852	·811	·808	·805	·918	·860	·847	·821	·771	·724	·758	·788	·766	·789	·689	·836
23	·762	·857	·905	·889	·905	·934	·847	·725	·713	·717	·722	·725	·729	·723	·760	·739	·741	·774	·714	·717	·781	·731	·753	·764	·773
24	·800	·914	·853	·957	·949	·921	·928	·940	·873	·853	·828	·802	·777	·750	·729	·708	·720	·714	·706	·717	·726	·728	·686	·522	·802
25	089	·808	·781	·982	·984	·924	·934	·918	·880	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·793	·707	·698	·089	·682	·875	·715	·855	·694	·681	·878	·674	·724	·688	·647	·766
27	·864	·682	,874	·880	·800	·788	·782	·730	·777	·747	·714	·710	·702	·881	,680	·897	·681	·678	·675	·710	·697	·647	·873	·657	·725
28	·760	·809	·103	·903	·909	·938	·938	·931	·851	·878	·872	·848	·824	·788	·874	·691	·690	,675	·709	·806	·683	·661	·621	·677	·789
29	·794	·834	,908	·283	·878	·869	·893	·913	·897	·904	·911	·879	·843	·775	·753	·759	·735	·708	·805	·683	·878	·585	·692	·670	·808
30	·725	·848	·880	·821	·705	·828	·855	·888	·905	·903	·909	·852	·823	·770	761	·789	·760	·739	·703	·709	·708	·722	·710	·755	·800
Means.	·802	·844	·307	·281	·834	·852	·867	·870	·858	·859	·808	·794	·781	·760	·756	·758	·756	·749	·737	·722	·721	·728	·747	·751	0·798

* The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means.

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HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

Gottingen Mean Time.		Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.		P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
HUMIDITY OF THE AIR. JULY 1853.	1	0·57	0·63	0·72	0·71	0·72	0·83	0·70	0·68	0·71	0·72	0·72	0·75	0·77	0·74	0·67	0·53	0·53	0·52	0·50	0·48	0·46	0·45	0·45	0·47	0·623
	2	·47	·47	·81	·58	·55	·56	·67	·59	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	3	—	—	—	—	—	—	—	—	—	·63	·83	·64	·64	·84	·58	·58	·53	·48	·47	·44	·48	·39	·41	·40	·584
	4	·43	·78	·78	·81	·82	·80	·81	·82	·82	·85	·88	·51	·14	·80	·87	·82	·78	·63	·69	·54	·53	·51	·79	·88	·758
	5	·87	·63	·87	·91	·90	·87	·87	·89	·68	·89	·80	·83	·87	·89	·55	·83	·78	·69	·64	·60	·53	·71	73	·69	·808
	6	·88	·80	·65	·88	·83	·86	·86	·54	·82	·80	·78	·78	·78	·79	·78	·78	·71	·65	·55	·60	·57	·58	·57	·82	·753
	7	·61	·77	·77	·80	·80	·80	·81	·73	·74	·77	·80	·62	·83	·88	·82	·77	·70	·81	·65	·52	·58	·49	·48	·61	·704
	8	·50	·61	·87	·76	·77	·59	·58	·59	·59	·83	·67	·69	·70	·72	·74	·70	·67	·63	·80	·58	·55	·56	·82	·50	·624
	9	·54	·53	·52	·60	·60	·61	·64	·64	·65	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10	—	—	—	—	—	—	—	—	—	·72	·78	·75	·77	·75	·74	·75	·86	·63	·60	·63	·51	·48	·48	·51	·628
	11	·52	·61	·54	·55	·81	·66	·85	·67	·88	·64	·64	·87	·70	·74	·75	·70	·59	·50	·52	·52	·46	·47	·45	·44	·391
	12	·44	·47	·46	·50	·50	·57	·69	·64	64	·67	·60	·70	·70	·72	·78	·75	·64	·61	·56	·58	·49	·45	·47	·45	·583
	13	·47	·54	·59	·65	·67	·71	·65	·63	·70	·74	·77	·70	·74	·78	·73	·87	·69	·58	·53	·49	·44	·44	·48	·48	·617
	14	·69	·83	·64	·82	·62	·83	·63	·64	·67	·08	·63	·73	·78	·76	·75	·69	·68	·85	·51	·51	·48	·47	·48	·47	·624
	15	·53	·47	·59	·69	·72	·79	·83	·77	·78	·74	·72	·70	·65	·66	·66	·65	·84	·61	·59	·63	·81	·43	·43	·46	·633
	16	·48	·70	·62	·71	·76	·65	·07	·68	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	17	—	—	—	—	—	—	—	—	—	·60	·61	·63	·85	·67	·83	·57	·54	·60	·50	·44	·43	·41	·36	·39	·876
	18	·38	·48	·45	·52	·60	·53	·81	·54	·56	·59	·82	·64	·65	·65	·68	·81	·55	·61	·47	·45	·40	·36	·84	·38	·510
	19	·56	·83	·70	·78	·74	·60	·49	·49	·53	·55	·55	·00	·82	·61	·81	·55	·54	·64	·49	·46	·44	·44	·40	·38	·567
	20	·38	·46	·48	·60	·48	·54	·54	·60	·65	·56	·56	·56	·55	·89	·59	·57	·53	·61	·51	·43	·45	·41	·42	·48	·507
	21	·44	·46	·54	·57	·57	·57	·63	·71	·66	·67	·68	67	·66	·68	·66	·62	·57	·55	·51	·47	·48	·45	·45	·44	·571
	22	56	·01	·80	·86	·84	·88	·86	·80	·78	·77	·78	·73	·75	·75	·78	89	·07	·62	·58	·51	·47	·44	·42	·44	·620
	23	·82	·84	·70	78	·76	·80	·80	·80	·52	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	—	—	—	—	—	·72	·02	·65	·67	·66	·66	·66	·52	·58	·49	·45	·42	·42	·41	·63	·631
	25	·63	·79	·80	·77	·78	·78	·75	·77	·80	·88	·91	·93	·92	·87	·78	·70	·60	·55	·50	·50	·46	·45	·51	·50	·704
	26	·70	·69	·62	·75	·73	·70	·78	·77	·77	·78	·78	·78	·73	·81	·73	·51	·42	·45	·41	·40	·42	·47	·49	·51	·647
	27	·60	·64	·72	·76	·79	·79	·80	·82	·83	·84	·86	·88	·90	·90	·57	·70	·60	·49	·44	·46	·52	·65	·61	·52	·659
	28	·51	·59	·70	·75	·77	·79	·80	·82	·60	·82	·63	·84	·85	·85	·75	·60	·50	·47	·42	·45	·49	·51	·58	·02	·670
	29	·87	·68	·70	·71	·73	·76	·77	·79	·77	·80	·82	·84	·88	·86	·84	·86	·51	·47	·42	·41	·46	·48	·64	·68	·672
	30	·80	·04	·68	·71	·78	·80	·82	·80	·81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	31	—	—	—	—	—	—	—	—	—	·82	·82	·80	·78	·79	·75	·66	·58	·60	·44	·43	·48	·50	·53	·61	·663
Means.		·562	815	·859	·698	·707	·707	·707	·716	·711	·726	·734	·745	·760	·759	·728	·866	·604	·555	·518	·401	·475	·478	·457	·509	0·637
TENSION OF THE ATMOSPHERIC VAPOUR. JULY 1853.		In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
	1	0·865	0·840	0·874	0·858	0·862	0·824	0·836	0·816	0·851	0·833	0·836	0·840	0·865	0·808	0·740	0·780	0·806	0·706	0·706	0·707	0·716	0·716	0·718	0·730	0·789
	2	·726	·694	·723	·801	·748	·738	·751	·747	·753	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	3	—	—	—	—	—	—	—	—	—	·738	·724	·714	·704	·696	·899	·703	·697	·692	·890	·701	·738	·099	·725	·683	·719
	4	·890	·888	·867	·899	·852	·867	·863	·858	·850	·866	·882	·902	·922	·890	·872	·556	·627	·706	·782	·763	·767	·765	·883	·890	·847
	5	·858	·768	·818	·836	·840	·827	·819	·853	·814	·808	·803	·206	·810	·826	·823	·838	·863	·854	·857	·848	·868	·912	·942	·820	·837
	6	·817	·542	·855	·918	·911	·890	·877	·833	·816	·799	·788	·774	·765	·773	·766	·782	·849	·807	·644	·827	·802	810	·800	·839	·822
	7	·815	·958	·914	·105	·807	·889	865	·778	·731	·777	·794	·798	·805	.813	·517	·621	·828	·793	·760	·752	·708	747	·744	·748	·814
	8	·723	·705	·824	·899	·885	·705	·640	·679	·654	·706	·728	·735	·742	·746	·761	·753	·700	·753	·746	·725	·713	·729	700	·689	·789
	9	·709	·663	.830	·677	·674	·679	·686	·685	·682	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10	—	—	—	—	—	—	—	—	—	·727	·772	·764	·758	·732	·728	·757	·788	·789	·735	·703	·730	·707	·707	·753	·716
	11	·752	·605	·703	·692	·737	·770	·768	·774	·712	·706	·704	·708	·713	·717	·735	·746	·714	·724	·738	·724	·898	·704	·671	·668	·710
	12	·658	·850	·628	·051	·044	·685	·697	·716	·709	·719	·729	·724	·720	·728	·768	·789	·748	·760	·742	·751	740	·711	·717	·703	·712
	13	·729	·734	·759	·770	·761	·774	·750	·753	·769	·773	.778	·763	·748	·737	·753	·772	·730	·727	·735	·680	·887	·712	·689	·699	·741
	14	·799	·778	·778	·744	·741	·745	·734	·781	·749	·742	·738	·741	·746	·740	·782	·758	·774	·711	·714	·722	·723	·724	·728	·781	·744
	15	·742	·667	·721	·758	·819	·831	·900	·846	·862	·834	·606	·772	·732	·704	·717	·728	·786	·723	·783	·731	·750	·712	·707	·682	·762
	16	·707	·942	·736	·778	·818	·775	·765	·791	·698	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	17	—	—	—	—	—	—	—	—	—	·892	·692	·097	·702	·721	·712	·697	·686	·693	·717	·686	·691	·694	·620	·659	·723
	18	·646	·068	·868	·745	·091	·708	·883	·680	·676	·6·4	·712	·700	·680	·660	·623	·700	·675	·679	·864	·690	·651	·627	·587	·650	·676
	19	·801	·878	·852	·850	·873	·745	·649	·638	·661	·861	·602	·866	670	·652	·668	·653	·661	·881	·875	·681	·872	·090	·666	·637	·708
	20	·637	·654	·875	·714	·689	·709	·707	·789	·620	·027	·825	·609	·694	·816	·649	·673	·668	·666	·707	·684	691	·684	·654	·682	·606
	21	·897	·736	·783	·737	·724	·724	776	·784	·744	·742	·730	·785	·711	·706	·717	·722	·735	·745	·784	·899	·692	·725	·747	·766	·732
	22	·798	·801	·850	·856	·880	·694	·890	·832	·839	·810	·791	·778	·766	·763	·760	·789	·786	·809	·770	·752	·728	·734	·738	·766	·802
	23	·801	·831	·832	·866	·878	·889	·801	·838	·847	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	—	—	—	—	—	·772	·857	·710	·723	·704	·712	·728	·711	·696	·683	·667	·878	·704	·658	·788	·763
	25	·840	·908	·887	·654	·858	·806	.809	·808	·810	·839	·882	·678	·855	·858	·786	·761	·715	·700	·671	708	·700	·716	·743	·811	·800
	26	·875	·849	·799	·543	·873	·887	·840	·848	·689	·824	·810	·798	·786	·759	·778	·610	·627	·558	·571	·622	846	·690	·709	·721	·760
	27	·752	·805	·842	·873	·880	·863	·856	·273	·588	·878	·879	·888	·887	·851	·878	·752	·728	·647	·617	·660	·753	·779	·750	·740	·808
	28	·741	·748	·831	·851	·853	·857	·861	·867	·827	·851	·866	·861	·857	·845	·784	·716	·652	·859	·630	·667	·736	·758	·768	·822	·780
	29	·842	·831	·800	·803	·811	·820	·833	·884	·800	·810	·821	·880	·839	.651	·664	·778	·651	·658	·019	·644	·607	·726	·784	·805	·781
	30	·717	·804	·817	·829	.864	·881	·866	·863	·868	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	31	—	—	—	—	—	—	—	—	—	·866	·864	·641	·619	·801	·797	·748	·727	·852	·641	·634	·882	·744	757	·620	·794
Means.		·785	·762	·750	·812	·809	·602	·791	·788	·773	·778	·778	·770	·783	·760	·760	·746	·729	·720	·711	·709	·718	·728	·730	·743	0·760

* The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. AUGUST 1853.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·66	0·69	0·70	0·78	0·76	0·80	0·79	0·79	0·74	0·74	0·73	0·78	0·76	0·75	0·66	0·63	0·58	0·52	0·50	0·46	0·42	0·42	0·49	0·54	0·651
2	·58	·63	·75	·64	.65	·70	·63	·69	·80	·82	·83	·86	·89	·84	·80	·78	·66	·35	.50	·48	·52	·54	·55	·67	·633
3	·59	·62	·77	·77	·74	·79	·77	·79	·79	·80	·80	·81	·81	·85	·82	·72	·66	·66	·51	·47	·49	·81	·52	·57	·689
4	·68	·67	·74	·78	·79	·77	·77	·77	·76	·77	·77	·82	·87	·83	·80	·75	·71	·63	·57	·54	·48	.54	·62	·64	·710
5	.65	.70	·78	·83	·82	·88	·80	·81	·84	·83	·82	·65	·84	·62	·82	·80	·74	·84	·68	·64	·63	·65	·54	·67	·755
6	·69	·70	·77	·79	·82	·81	·81	·77	·79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·78	·76	·78	·79	·83	·80	·71	·57	·51	·47	·45	·51	·55	·59	·63	·895
8	·82	·67	·61	·69	·78	·78	·73	·78	·78	·74	·74	·77	·80	·83	·79	·73	·66	·63	·55	·48	·46	·67	·66	·64	·651
9	·60	·82	·84	·53	·83	·81	·89	·80	·84	·84	·83	·84	·83	·84	·74	·69	·62	·60	·89	·69	·70	·69	·69	·65	·762
10	·71	·71	·77	·80	·81	·82	·80	·81	·81	·83	·85	·84	·83	·88	·93	·94	·91	·89	·84	·79	·75	·72	·73	·72	·819
11	·74	·80	·80	·86	·86	·87	·88	·85	·84	·86	·87	·88	.89	·91	·89	·83	·80	·76	·67	·64	·77	·76	·78	·77	·815
12	·77	·78	.83	·87	·88	·90	·91	·86	·95	·95	·94	·94	·94	·90	·87	·81	·76	·69	·64	·65	·65	·65	·66	·71	·813
13	·69	·74	·79	·83	·68	·84	·84	·86	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·86	·87	·84	·81	·86	·79	·78	·73	·78	·66	·55	·52	·52	·63	·75	·758
15	·87	·83	·73	·72	·71	·78	·89	·80	.81	·81	·80	·88	86	·87	·85	·77	·69	·61	·65	·52	·69	·47	·60	·84	·725
16	·69	·84	.87	·89	·94	·98	·54	·98	·91	·50	·89	·59	·88	·87	·83	·82	·89	·79	·75	·68	·62	·69	·73	.76	·833
17	·75	·78	·80	·58	·86	·88	·88	·91	·97	·89	·91	·98	·94	·94	·83	·81	·78	·69	·71	·67	·65	·74	·76	.75	·819
18	·78	·74	·77	·88	·82	·86	·86	·88	·59	·97	·06	·94	·91	·91	·59	·80	·73	·73	·68	·68	·63	·69	·70	.72	·814
19	·71	·73	·77	·82	·60	·82	·84	·87	·86	·67	·88	·89	·90	·50	·85	·83	77	·67	·63	·57	·63	·67	·65	·88	·771
20	·66	·72	·81	·83	·83	·79	·82	·80	93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·88	·83	·80	·78	·75	·74	·73	·66	·83	·65	·68	·56	·57	·57	·57	·728
22	·59	·62	·62	·64	·66	·70	·72	·71	·77	·76	·74	·78	·76	76	·76	·76	·73	·67	·62	·54	·50	·69	·50	·53	·602
23	·55	·60	·64	·67	·72	·72	·71	·71	·70	·78	·76	·74	·71	·71	71	·70	·62	·57	·66	·67	·54	·51	·51	·50	·644
24	·50	·55	·69	·81	·83	·32	·83	·50	·79	·78	·77	·81	·85	·55	·78	·71	·63	·65	·63	·60	·59	·61	·59	·61	·718
25	·60	·70	·76	·77	·81	·82	·82	·83	·80	·80	·80	·83	·85	·86	·82	·70	·64	·59	·37	·49	·48	·62	·69	·64	·720
26	·64	·70	·68	·70	·79	·75	·83	·82	·80	·80	·79	·79	·78	·89	·83	·75	·89	·83	·59	·33	·49	·47	·48	·89	·893
27	·71	·78	·83	·84	·85	·67	·85	·89	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·78	·69	·68	·78	·68	·67	·67	·66	·59	·83	·49	·48	·43	·30	·49	·683
29	·51	·84	·56	·60	·63	·61	·60	·63	·68	·84	·65	·85	·65	·66	·67	·63	·61	·69	·55	·50	·46	·49	·48	·50	·585
30	·53	·57	·71	·72	·72	·70	·89	·66	·72	·78	·73	·71	·68	·68	87	·63	·58	·54	·58	·50	·47	·44	·44	·44	·618
31	·44	80	·83	·64	·60	·57	·56	·57	·64	·57	·60	·62	·63	·65	·65	·63	·88	·53	·43	·47	·45	·45	·41	·42	·644
Means.	·654	·694	·736	·768	·730	·787	·792	·790	·804	·803	·757	·808	·814	·818	·790	·744	·639	·688	·601	·664	·558	·574	·899	·823	0·718

TENSION OF THE ATMOSPHERIC VAPOUR. AUGUST 1853.

	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·652	0·664	0·827	0·837	0·860	0·889	0·853	0·810	0·808	0·794	0·780	0·803	0·636	0·800	0·739	0·727	0·726	0·690	0·706	0·675	0·673	0·690	0·736	0·796	0·788
2	·806	·835	·301	·763	·765	·803	·773	·769	·783	·787	·786	·801	·816	·786	·802	·810	·792	·730	·715	708	·798	·797	·773	·829	·789
3	·814	·851	·908	·894	·818	·880	·811	·800	·803	·788	·776	·785	·794	·819	·825	·819	·809	·771	·733	·717	·768	·804	·813	·833	·803
4	·898	·858	·358	·921	·917	·897	·884	·578	·806	·858	·841	·860	·830	·834	·836	·849	·853	·836	·796	·804	·763	·835	·883	·856	·851
5	·914	·937	·950	·958	·938	·919	·897	·501	·931	·914	·897	·581	·865	·836	·859	·889	·875	·886	·892	·886	·880	·858	·910	·932	·901
6	·926	·920	·990	·918	·925	·904	·907	·880	·884	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·891	·759	·769	·779	·803	·831	·816	·745	·708	·684	·705	·739	·795	·840	·879	·937
8	·856	·658	·726	·792	·890	·839	·833	·882	·808	·201	·795	·812	·830	·655	·864	·636	·888	·843	·768	·723	·746	·832	·846	·989	·824
9	·830	·909	·946	·930	·930	·916	·918	·897	·870	·843	·817	·805	·794	·779	·732	·723	·716	·747	·769	·831	·847	·872	·878	·884	·841
10	·919	·909	·875	·858	·888	·883	·859	·863	·362	·872	·882	·834	·787	·753	·817	·810	·330	·847	·867	·848	·842	·561	·870	·882	·853
11	·894	·504	·862	·875	·851	·883	·841	·833	·822	·811	·800	·794	·789	·789	·793	·806	·820	·538	·839	·853	·803	·861	·860	·854	·837
12	·856	·839	·861	·880	·882	·878	·889	·881	·931	·895	·869	·858	·838	·807	·823	·839	·868	·858	·837	·852	·864	·874	·867	·893	·863
13	·864	·852	·850	·911	·852	·501	·902	·688	·870	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·873	·874	·343	·816	·851	·807	·839	·833	·805	·828	·789	·758	·779	·870	·897	·853
15	·940	·919	·815	·792	·776	·797	·831	·808	·811	·807	·804	·824	·844	·853	·362	·849	·819	·787	·745	·754	·721	·785	·817	·810	·813
16	·848	·828	·863	·872	·527	·529	·524	907	·891	·866	·562	·830	·818	·799	·818	·818	·855	·869	·862	·825	·703	·878	·919	·932	·863
17	·932	·925	·807	·999	·923	·925	·915	·920	·886	·388	·891	·893	·956	·857	·890	·904	·909	·896	·937	887	·877	·999	·588	·938	·508
18	·928	·859	·884	·879	·877	·906	·890	·882	·069	·944	·920	·878	·836	·841	898	·885	·885	·885	·851	·909	·900	·916	·920	·912	·894
19	·904	·894	·879	·909	·583	·891	·908	·913	·500	·891	·882	·881	·851	·881	·383	·923	·942	·878	·867	·847	·813	·868	·908	·942	·990
20	·918	·908	·957	·960	·957	·914	·525	·397	·528	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·863	·809	787	·766	·760	·756	·762	·744	·739	·765	·733	·704	·721	·717	·709	·831
22	·709	·736	·709	·717	·738	·761	·751	·748	·747	·740	·734	·743	·753	·746	·788	·764	·758	·738	·738	·703	·692	·690	·701	·733	·733
23	·740	·790	·784	·788	·832	·808	·788	·772	·771	·768	·765	·755	·746	·742	·750	·768	·740	·725	·730	·749	·736	·733	·760	·740	·761
24	·741	·778	·850	·939	·549	·930	·525	·889	·677	·353	·850	·840	·880	·832	·796	·753	·728	·764	·772	·738	·769	·805	.790	·806	·826
25	·788	·856	·378	·583	·902	·906	·507	·907	·891	·876	·861	·860	·859	867	·883	·896	·811	·791	·809	·750	766	·854	·912	·892	·856
26	·871	·869	·727	·754	·743	·768	·841	·827	·802	·786	·771	·768	·766	·784	·811	·809	·815	·780	·779	·754	·788	·788	·745	·835	·785
27	·978	·894	·934	·940	·950	·946	·950	·918	·880	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·783	·637	·734	·781	·732	·707	·728	·731	·716	·693	·676	·677	·698	·724	·744	·797
29	·748	·769	·766	·786	·796	·748	·705	·720	·728	·729	·730	·720	·710	·707	·709	·723	·722	·733	·719	·727	·898	·706	689	·725	·729
30	·789	·773	·501	·506	·797	·769	·761	·759	·778	·779	·780	·744	·708	·693	·694	·720	·704	·689	·730	·723	·727	·709	702	·685	·742
31	·689	·747	·756	·832	775	·735	·697	·698	·668	·675	·683	·681	·880	·682	·702	·703	·705	·702	·680	·658	·833	·706	·663	·674	·705
Means.	·845	·835	·853	·867	·863	·860	·865	·848	·848	·826	·810	·807	·804	·799	·801	·804	·800	·783	·782	·773	·772	·799	·820	·834	0·821

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily Means.

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HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. SEPTEMBER 1853.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41 *	h. m. 14.41	h. m. 15.41 *	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·47	0·45	0·61	0·65	0·60	0·57	0·57	0·58	0·80	0·61	0·61	0·63	0·63	0·66	0·67	0·64	0·58	0·55	0·53	0·45	0·44	0·40	0·38	0·39	0·556
2	·41	·43	·45	·46	·49	·50	·50	·52	·57	·60	·62	·63	·64	·65	·68	·59	·56	61	·48	·45	·42	·38	·88	·34	·513
3	·41	·54	62	·71	·75	·76	·74	·74	·75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·79	·83	·78	·73	·68	·66	63	·58	·53	·50	·45	·45	·43	·35	·62	·633
5	·64	·86	·68	·74	·76	·79	79	·81	·75	·76	·77	·82	·87	86	·84	·82	·75	·72	·60	53	·49	·47	·55	61	·712
6	·67	·74	·77	·78	·78	·79	·82	·84	·85	·85	·85	·83	·80	87	·91	·92	·92	·95	·92	91	·83	·79	·77	·74	·829
7	·71	·82	·85	·68	·88	·90	·91	·92	·92	·92	·93	·91	·89	·87	87	·86	·76	·70	·69	·61	·63	·67	·68	·70	·811
8	·73	·79	·82	·84	·84	·88	·87	88	·87	·88	·89	·87	·84	·85	·84	·80	·76	·78	·77	·74	·73	·69	·66	·84	·811
9	·77	·83	·88	·88	91	·92	·94	·95	·90	·91	·91	·92	·92	·93	·93	85	·79	·69	·63	·62	·55	·62	·65	·67	·815
10	·71	·77	·79	·80	·84	·86	·88	·90	·90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·92	·94	91	·88	·88	·80	·76	·72	·67	58	·55	·52	·50	·51	·63	·759
12	·60	·67	·77	·78	·80	·81	·80	·80	·77	·78	·78	·80	·81	·79	·74	·66	·60	·56	·53	·54	·48	·58	·58	·61	·698
13	·65	·69	·72	·78	·75	·76	·79	·80	·80	·81	·82	·80	77	·76	·77	·70	·66	·80	·56	61	·62	·65	·64	·63	·714
14	·67	·70	·76	·79	·82	·83	·84	·84	·88	88	88	·83	·88	·87	·80	·76	·70	·66	·59	53	·51	62	·72	·70	·755
15	·73	·78	·81	·79	·77	·75	·77	78	·86	·86	·86	·86	·86	·82	·82	·74	·66	·59	·55	·51	·54	·63	·84	·66	·752
16	·75	·78	·80	·88	·66	·85	·85	·89	·93	·91	·89	·87	·85	·87	·86	·73	·72	·67	·63	·58	·64	·64	·67	·64	·784
17	·71	·74	·77	79	·80	·82	·83	·87	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·89	·91	·89	·86	·87	·88	·80	·72	·67	·63	·60	·65	·64	·63	·65	·770
19	·68	·72	·72	·75	·80	·80	·83	·87	·88	·86	·86	·85	·83	·83	·85	·87	·86	·80	·73	·72	·62	·59	·64	·72	·778
20	·86	·87	·83	·85	·87	·87	·88	·89	·89	·92	·94	·92	·90	·91	88	·86	·80	·76	·73	·64	·60	·63	·68	·70	·820
21	·74	·79	·83	·88	·83	·83	·85	·87	·86	88	90	·88	·86	83	·84	·82	·75	·74	·71	·72	·70	·66	·70	·73	·798
22	·74	·77	·82	·84	·85	·88	·86	86	·89	·90	·91	·88	·85	·83	·82	·76	·68	·61	·62	58	·68	·59	·54	·58	·763
23	·68	·76	·81	·81	·80	·83	·83	·84	·84	·85	85	·84	·83	81	85	·79	·72	·66	·62	·65	·65	·66	·68	·66	·764
24	·73	·77	·79	·79	·69	·67	73	·73	·73	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·77	·81	·82	·83	83	·83	·73	·66	·60	·54	·53	·51	·53	·59	·60	·699
26	·69	·70	·77	·78	·79	·77	·78	·79	·80	·83	86	·85	·83	·85	·84	·77	·68	·63	·57	·55	·50	·47	·43	·43	·706
27	·57	·69	·71	·74	·83	·84	·77	80	·81	·80	·78	·79	·80	·75	73	·67	·61	·54	·50	·47	·43	·50	·72	·77	·693
28	·72	·82	·82	·80	·77	·73	·84	·85	·83	·85	·86	85	·84	·88	·90	·79	·71	·60	·53	·50	·52	·59	·57	·59	·742
29	·63	·66	·71	·74	·75	·76	·78	·78	·76	·79	·82	83	·84	·80	·76	·71	·61	·52	·50	·43	·43	·39	·39	·56	·664
30	·60	·67	·70	·72	·73	·76	·79	·80	·80	·80	·80	·84	·88	·87	·89	·76	·70	·60	·51	·47	·47	·43	·40	·52	·688
Means.	·664	·718	·754	·777	·783	·752	·802	·815	·818	·832	·811	·837	·829	·824	·815	·763	·701	·654	·606	·575	·561	·567	·598	·635	0·732

TENSION OF THE ATMOSPHERIC VAPOUR. SEPTEMBER 1853.

	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. *	In.	In. *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·735	0·673	0·658	0·655	0·736	0·730	0·722	0·755	0·758	0·713	0·699	0·716	0·731	0·706	0·719	0·729	0·719	0·713	0·724	0·690	0·664	0·653	0·639	0·655	0.721
2	·669	·663	·657	·646	·684	·680	·666	·876	·689	·689	·689	·684	·680	·682	680	·688	691	·810	·653	·690	·690	·643	·666	·588	·678
3	·644	·754	·829	·899	·931	·921	·891	·867	·861	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·890	·920	·864	·809	·728	·732	·745	·729	·738	·724	·689	·701	·733	·794	·853	·802
5	·848	·836	·821	·870	·876	·898	·897	·899	·842	·848	·855	·867	·880	·865	872	·895	·889	·876	·843	·796	·777	·774	·828	·873	·855
6	·898	·920	·920	·908	·857	·901	·926	·947	·937	·926	·916	·896	·876	·853	·836	·859	·879	·896	·887	·911	·904	·901	·908	·884	·899
7	·888	·931	·910	·923	·908	·916	·918	·918	·909	·904	·900	·885	·870	·855	·858	·890	·907	·887	·913	·849	·892	·927	·948	·911	·900
8	·943	·961	·945	·952	·961	·987	·963	·952	·931	·934	·938	·890	·842	·840	·843	·853	·875	·889	·915	·929	·975	·953	·861	·870	·917
9	·910	·960	·970	·959	·969	·971	·990	·987	·918	·924	·933	927	·922	·931	·958	·934	·910	·866	·821	·861	·788	·843	·860	·880	·916
10	·888	·917	·915	·887	·897	·908	·917	·932	·916	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·948	·980	·949	·919	·918	·834	·817	·797	·760	·760	·787	·743	·728	·755	·828	·862
12	·808	·846	·898	·908	·901	·914	·889	·859	·821	·813	·805	·799	·794	·773	·757	·739	·722	·719	·715	·746	·706	·834	·817	·842	·809
13	·847	·849	·839	·889	·834	·840	·858	·875	·866	·851	·837	·819	·801	·793	·820	·826	·821	·791	·766	·845	·867	·874	·860	·821	·837
14	·864	·853	·885	·858	·909	·899	·900	·877	·887	·883	·883	·882	·882	·871	·832	·847	·856	·869	·812	778	·794	·893	981	·948	·875
15	·945	·940	·929	·911	·862	·828	·849	·862	·891	·881	·872	·817	·823	·782	·830	·820	·814	·782	·704	·782	·833	·897	·803	·914	·855
16	·814	·867	·889	·871	·845	·850	·887	·850	·882	·858	·835	·827	·819	·825	·842	·854	·847	·846	·831	·808	·854	·871	·873	·833	·847
17	·870	·867	·884	·914	·913	·918	·855	·903	·878	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·884	·891	·673	·856	·868	·882	·860	·830	·840	·841	·821	·906	·883	·852	·886	·876
19	·844	·812	·791	·802	·826	·834	·842	·840	·842	·842	·842	·831	·830	·814	·834	·800	·816	·830	·837	·858	·811	·885	·896	·940	·835
20	·939	·837	·781	·819	·830	·825	·840	·844	·852	·859	·807	·850	·834	·843	·884	·921	·936	·936	·953	·862	·867	·893	·925	·909	·871
21	·908	·939	·951	·957	·951	·934	·949	·931	·906	·900	·695	·859	·823	·709	·817	·834	·803	·814	·837	·859	·880	·844	·863	·870	·880
22	·869	·826	·925	·921	·935	·935	·923	·911	·921	·913	·906	·857	808	·786	·784	·778	·775	·766	·816	·809	·883	·807	·744	·790	·852
23	·865	·916	·929	·920	·911	·929	·913	·900	·883	·882	·880	·848	·816	·789	·834	·848	·849	·840	·824	·849	·865	·877	·855	·891	·878
24	·889	·915	·912	·887	·698	·675	·695	·687	·683	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·736	·750	·787	·784	·786	·806	·810	·792	·751	·762	·792	·793	·807	·852	·871	·791
26	·802	·758	·827	·835	·863	·848	·851	·858	·847	·849	·851	·836	·821	·830	·849	·848	·814	·830	·803	·827	·791	·765	·723	·735	·825
27	·822	·888	·864	·876	·863	·863	·868	·889	·887	·849	·811	·807	·804	·777	·780	·788	·787	·768	·762	·775	·749	·770	·844	·890	·832
28	·877	·888	·854	·863	·846	·845	·870	·880	·854	·855	·856	·850	·844	·871	·911	·802	·874	·814	·788	·774	·808	·850	·827	·846	·853
29	·833	·828	·851	·858	·855	·819	·828	·825	·801	·805	·810	·826	·842	·793	·753	·774	·771	·729	·748	·667	·669	·655	·659	·751	·783
30	·796	·849	·870	·857	·862	·879	·807	·920	·889	·862	·836	·832	·828	·827	·864	·852	·835	·787	·747	·712	·726	·707	·648	·791	·820
Means.	·851	·861	·874	·870	·873	·871	·870	·871	·858	·858	·858	·843	·823	·810	·823	·827	·821	·816	·805	·798	·805	·810	·820	·84[illegible]	0·841

* The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. OCTOBER 1853.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·68	0·74	0·79	0·73	0·89	0·68	0·69	0·70	0·78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·78	0·88	0·94	0·88	0·87	0·82	0·71	0·57	0·49	0·46	0·43	0·48	0·41	0·39	0·41	0·858
3	·42	·50	·59	·63	·69	·88	·68	·60	·63	·64	·88	·48	·70	·69	·57	·63	·55	·58	·48	·46	·43	·38	·40	·54	·577
4	·80	·71	·84	·84	·84	·84	·84	·85	·84	·83	·80	·78	·78	·76	·78	·71	·65	·83	·55	·53	·47	·48	·47	·47	·696
5	·49	·55	·83	·54	·56	·55	·56	·60	·68	·70	·71	·70	·68	·70	·64	·83	·57	·53	·50	·48	·46	·47	·43	·61	·578
6	·88	·67	·71	·73	·75	·79	·81	·84	·88	·87	·87	·88	·56	·92	·89	·73	·61	·54	·81	·54	·58	·59	·61	·83	·727
7	89	·71	·74	·78	·78	·77	·79	.81	·84	·86	·87	·88	·85	·91	·90	·79	·72	·65	·67	·58	·87	·66	·70	·73	·759
8	·73	·70	·77	·77	·79	·61	·84	·80	·80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·83	·86	·87	87	·89	·86	·79	·73	·70	·85	·64	·87	·69	·71	·73	·771
10	·78	·78	·80	·81	·84	·84	·84	·87	·84	·88	·88	·88	·87	·89	·85	·83	·75	·69	·68	·83	·60	·83	·55	·54	·780
11	·73	·73	·80	·63	·83	·84	·85	·89	·87	·89	·91	·93	·93	·91	·89	·81	·74	·70	·64	·62	·64	·64	·65	·85	·785
12	·69	·73	·75	·75	·78	·79	·80	·83	·85	·85	·85	·88	·90	·91	·89	·79	·73	·84	·57	·67	·66	·54	·68	·61	·741
13	·64	·65	·70	·71	·73	·74	·74	·78	·79	·83	·85	·86	·87	·87	·84	·77	·73	·64	·54	·49	·44	·45	·45	·46	·639
14	·52	·60	·65	·88	·68	·69	·70	·73	·78	·81	·83	·84	·83	·85	·84	·78	·85	·88	·58	·51	·53	·84	·57	·60	·831
15	·68	·88	·78	·78	·73	·74	·73	·77	·81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·88	·91	·94	·96	·96	·89	·85	·77	·70	·68	·67	·68	·65	·84	·09	·766
17	·70	·78	·79	·80	·80	·80	·81	·83	·90	·90	·89	·96	·94	·95	·90	·84	·73	·66	·85	·61	·81	·67	·67	·88	·783
18	·73	·78	·78	·81	·82	·81	·83	·83	·84	·86	·87	·87	·87	·90	·83	·81	·73	·87	·88	·63	·80	·87	·83	·77	·801
19	·78	·85	·88	·88	·90	·93	·96	·98	95	·98	·98	·96	·95	·94	·93	·87	·68	·78	·70	·67	·71	·68	·71	·77	·850
20	·77	·80	·80	·88	·57	·90	·99	·95	·94	·94	·94	.85	·95	·96	·91	·86	·87	·84	·89	·87	·86	·81	·80	·80	·875
21	·80	·84	·87	·68	·91	·90	·93	·93	·95	·94	·94	·94	·93	·95	·98	·91	·89	·96	·88	·88	·93	·98	·93	·89	·911
22	·91	·93	·91	·92	·98	·95	·97	·98	·58	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·94	·82	·94	·85	·96	·95	·86	·80	·83	·79	·81	·77	·76	·76	·77	·858
24	·80	·89	.83	·84	·85	·87	·91	·93	·91	·93	·94	·95	·96	·96	·98	·83	·86	·80	·78	·77	·75	·74	·74	·77	·854
25	·77	·79	·80	·80	·87	·93	·94	·93	·91	·95	·95	·97	·98	·97	·93	·93	·80	·78	·77	·78	·78	·77	·76	·77	·880
26	·81	·84	·89	·86	·89	·90	·91	·90	·87	·85	·89	·98	·95	·95	·90	·82	·74	·71	·70	·70	·71	·68	·70	·70	·898
27	·68	·71	·71	·71	·71	·73	·75	·77	·77	·77	·77	·82	·86	·84	·76	·70	·83	·64	·68	·63	·63	·65	·64	·76	·731
28	·74	·78	·77	·79	·84	·81	·87	·91	·93	·58	·93	·89	·84	·86	·54	·88	·78	·85	·87	·88	·88	·86	·87	·59	·848
29	·87	·91	·91	·91	·94	·94	·98	·94	·93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·96	·97	·56	·94	·93	·85	·94	·95	·86	·93	·85	·88	·83	·85	·64	·917
31	·83	·85	·89	·91	·56	·57	·97	·58	·98	·58	·56	·96	·96	·90	·85	·88	·81	·79	·77	·78	·68	·88	·87	·95	·893
Means.	·706	·748	·777	·783	·806	·815	·829	·840	·853	·888	·875	·853	·835	892	·855	·803	·737	·699	·670	·651	·682	·868	·889	·697	0·778

TENSION OF THE ATMOSPHERIC VAPOUR. OCTOBER 1853.

Day	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·890	0·944	0·932	0·866	0·778	0·731	0·716	0·716	0·736	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·771	0·807	0·814	0·823	0·886	0·812	0·750	0·713	0·678	0·670	0·647	0·677	0·680	0·640	0·643	0·761
3	·848	·704	·789	·770	·771	·759	·738	·687	·693	·701	·711	·710	·709	·708	·702	·705	·728	·737	·700	·706	·671	·087	·669	·754	·712
4	·829	·859	·933	·877	·865	·874	·874	·850	·847	·824	·802	·777	·753	·738	·743	·726	·700	·708	·704	·897	·879	·708	·897	·892	·752
5	·700	·700	·655	·681	·655	·658	·853	·677	·748	·738	·732	·719	·893	·708	·678	·695	·670	·677	·670	·891	·694	·738	·709	·834	·697
6	·829	·816	·828	·829	·845	·835	·598	·894	·884	·881	·878	·877	·877	·893	·902	·798	·736	·699	·728	·780	·806	·818	·837	·839	·835
7	·868	·567	·854	·845	·855	·861	·664	·862	·847	·849	.851	·848	·842	·888	·884	·884	·878	·841	·781	·879	·889	·858	·912	·927	·880
8	·883	·857	·868	·880	·894	·898	·906	·864	·836	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·843	·851	·848	·841	·847	·838	·861	·871	·809	·828	·857	·845	·894	·873	·885	·864
10	·870	·873	·884	·858	·900	·895	·891	·908	·870	·873	·876	·856	·853	·858	·868	·871	·849	·828	·841	·830	·801	·819	·347	·547	·863
11	·868	·830	·578	·879	·859	·847	·849	·853	·833	·839	·841	·843	·848	·838	·881	·858	·847	·851	·806	·840	·861	·871	·849	·841	·849
12	·839	·850	·838	·528	·534	·834	·832	·817	·806	·801	·797	·799	·801	·811	·844	·833	·801	·759	·718	·745	·740	·702	·728	·764	·797
13	·775	·758	·769	·775	·780	·789	·799	·797	·801	·789	·778	·774	·771	·760	·771	·801	·798	·772	·705	·853	·617	·812	·595	·597	·743
14	·837	.686	·728	·748	·741	·743	·748	·766	·750	·744	·736	·728	·732	·715	.745	·751	·738	·705	·704	·865	·678	·089	·713	·746	·733
15	·751	·770	·777	·780	·780	·750	·759	·786	·794	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·829	·864	·889	·900	·884	·858	·894	·856	·848	·840	·831	·818	·793	·777	·814	·820
17	·805	·810	·845	·846	·845	·834	·838	·848	·856	·849	·843	·859	·577	·851	·856	·885	·808	·789	·803	·795	·787	·845	·821	·819	·833
18	·836	·818	·851	·678	·856	·874	·888	·898	·878	·830	·883	·875	·857	·878	·853	·884	·878	·845	·815	·819	·840	·771	·834	·837	·856
19	·864	·898	·887	·853	·869	·874	·898	·885	·875	·861	·847	·843	·839	·830	·843	·858	·893	·831	·847	·841	·870	·850	·853	·888	·859
20	·853	·869	·854	·889	·883	·902	·901	·906	·913	·910	·907	·911	·916	·927	·788	·791	·839	·903	·803	·798	·863	·838	·831	·858	·867
21	·838	·844	·860	·868	·879	·875	·878	·883	·757	·784	·781	·783	·788	·806	·831	·864	·872	·861	·859	·883	·868	·907	·893	·891	·850
22	·859	·891	·866	·888	879	·870	·878	·860	·847	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·850	·854	·858	·858	·868	·902	·877	·899	·929	·919	·955	·943	·943	·913	·908	·857
24	·913	·894	·884	·870	·878	·889	·899	·891	·873	·835	·799	·808	·807	·816	·831	·858	·863	·901	·904	·908	·890	·857	·854	·871	·887
25	·879	·857	·858	·838	·880	·892	·898	·874	·889	·880	·871	·873	·875	·870	·873	·858	·874	·859	·895	·906	·877	·902	·902	·910	·880
26	·899	·902	·914	·871	·856	·883	·873	·858	·839	·836	·824	·829	·834	·839	·860	·805	·811	·800	·787	·797	·807	·789	·799	·776	·835
27	·740	·746	·723	·724	·728	·727	·737	·765	·756	·751	·747	·758	·789	·745	·736	·700	·870	·704	·723	·781	·758	·771	·753	·804	·740
28	·763	·784	·742	·757	·809	·780	·771	·767	·768	·770	·772	·768	·754	·783	·808	·845	·814	·850	·874	·859	·862	·851	·858	·872	·804
29	·853	·809	·790	·788	·793	·818	·820	·818	·838	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·818	·788	·777	·767	·781	·788	·756	·784	·806	·880	·822	·814	·831	·845	·863	·805
31	·889	·838	·825	·790	·819	·834	·808	·806	·820	·818	·813	·817	·821	·828	·853	·856	·851	·868	·861	·849	·682	·894	·852	·823	·835
Means.	·821	·823	·830	.823	·829	·830	·830	·829	·828	·820	·817	·818	·816	·819	·820	.820	·808	·808	·798	·798	·801	·802	·801	·817	0·818

* The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. NOVEMBER 1853.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·92	0·90	0·87	0·87	0·92	0·91	0·89	0·86	0·92	0.93	0·94	0·93	0·91	0·91	0·91	0·97	0·96	0·97	0·97	0·96	0·91	0.91	0·87	0·87	0·916
2	·87	·89	·82	·83	·80	·83	·87	·87	·89	·90	·90	·93	·95	·95	·95	·96	·96	·96	·98	·96	·90	·88	·90	·89	·902
3	·93	·94	·93	·92	·87	·83	·86	·91	·91	·91	·91	·86	·80	·85	·94	·96	·92	·88	·87	·90	·88	·80	·76	·76	·852
4	·78	·79	·78	·82	·87	·87	·87	·95	·87	·87	·87	·86	·84	·92	·92	·90	·89	·73	·75	·74	·72	·69	·70	·71	·821
5	·77	·80	·82	·81	·80	·79	·81	·84	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·88	·91	·92	·93	·91	·89	·90	·92	·93	·93	·94	·94	·94	·92	·85	·875
7	·91	·86	·85	·83	·83	·86	·87	·85	·85	·88	·91	·92	·98	·91	·98	·90	·87	·85	·86	·97	·98	·96	·97	·95	·896
8	·91	·93	·86	·85	·86	·85	·86	·87	·86	·91	·96	·96	·96	·93	·93	·94	·97	·97	·96	·96	·93	·96	·95	·94	·920
9	·98	·97	·97	·97	·98	·95	·97	·99	·96	·97	·98	·97	·96	·98	·98	·95	·92	·91	·87	·88	·81	·83	·82	·82	·930
10	·90	·96	·96	·95	·91	·89	·90	·87	·90	·92	·94	·96	·98	·95	·97	·91	·91	·90	·80	·76	·74	·69	·72	·75	·881
11	·76	·77	·79	·75	·77	·79	·81	·84	·88	·89	·89	·90	·91	·91	·88	·77	·72	·70	·71	·73	·71	·72	·71	·74	·794
12	·74	·78	·81	·85	·86	·80	·81	·82	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·90	·97	·97	·97	·99	·96	·95	·91	·88	·86	·89	·90	·93	·92	·80	·883
14	·92	·94	·95	·96	·96	·96	·96	·96	·98	·98	·97	·98	·98	·95	·94	·92	·89	·85	·81	·78	·78	·78	·81	·83	·909
15	·82	·87	·87	·91	·89	·93	·95	·95	·94	·95	·95	·96	·96	·96	·97	·92	·89	·83	·79	·78	·78	·78	·79	·79	·885
16	·81	·85	·87	·89	·90	·93	·92	·97	·93	·94	·95	·96	·97	·96	·96	·94	·86	·80	·80	·80	·77	·75	·77	·75	·878
17	·83	·84	·83	·83	·85	·86	·89	·88	·89	·92	·94	·95	·95	·96	·95	·88	·86	·80	·78	·77	·75	·73	·74	·77	·852
18	·79	·82	·84	·85	·85	·83	·92	·92	·94	·94	·93	·94	·95	·96	·95	·95	·83	·79	·74	·74	·72	·70	·65	·65	·843
19	·75	·78	·83	·87	·90	·90	·91	·91	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·91	·93	·94	·95	·93	·91	·88	·81	·76	·69	·65	·67	·64	·64	·68	·832
21	·71	·76	·79	·86	·85	·87	·91	·96	·94	·93	·92	·92	·91	·94	·85	·87	·74	·70	·67	·72	·69	·65	·64	·64	·814
22	·63	·64	·64	·65	·67	·65	·76	·82	·83	·86	·89	·89	·88	·91	·90	·86	·79	·70	·64	·59	·60	·63	·64	·66	·738
23	·64	·71	·78	·72	·75	·75	·88	·86	·84	·87	·89	·91	·93	·94	·91	·88	·82	·77	·71	·69	·70	·69	·69	·69	·788
24	·71	·75	·77	·75	·74	·75	·78	·79	·79	·82	·85	·88	·90	·92	·91	·85	·70	·68	·67	·68	·68	·65	·66	·66	·763
25	·69	·71	·71	·75	·78	·83	·87	·88	·87	·90	·92	·98	·93	·92	·91	·85	·76	·66	·64	·63	·62	·65	·64	·66	·780
26	·78	·72	·74	·74	·74	·75	·75	·76	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·81	·79	·78	·76	·88	·90	·88	·77	·74	·64	·63	·60	·63	·62	·66	·741
28	·68	·70	·70	·59	·77	·74	·74	·73	·75	·79	·82	·87	·91	·89	·89	·81	·83	·74	·65	·64	·66	·66	·66	·67	·749
29	·66	·69	·71	·72	·73	·75	·81	·86	·89	·90	·10	·92	·94	·93	·91	·86	·80	·72	·68	·65	·65	·64	·63	·65	·775
30	·66	·69	·72	·71	·71	·71	·75	·75	·75	·77	·79	·87	·94	·94	·90	·87	·77	68	·63	·60	·60	·60	·68	·59	·733
Means.	·787	·810	·814	·821	·829	·830	·857	·871	·875	·894	·908	·918	·923	·930	·928	·895	·848	·803	·773	·772	·757	·749	·748	·755	0·837

TENSION OF THE ATMOSPHERIC VAPOUR. NOVEMBER 1853.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·847	0·856	0·835	0·830	0·846	0·826	0·844	0·823	0·868	0·863	0·858	0·848	0·838	0·811	0·816	0·841	0·794	0·819	0·799	0·825	0·841	0·851	0·832	0·846	0·838
2	·825	·835	·795	·801	·788	·808	·825	·827	·827	·823	·819	·821	·824	·821	·819	·826	·820	·820	·821	·842	·834	·829	·828	·811	·820
3	·827	·831	·822	·818	·808	·788	·797	·818	·811	·807	·803	·757	·712	·781	·845	·820	·881	·876	·803	·889	·857	·818	·772	·766	·817
4	·773	·775	·769	·787	·808	·804	·801	·839	·794	·797	·800	·783	·786	·791	·754	·807	·824	·786	·763	·770	·757	·730	·734	·723	·780
5	·760	·770	·762	·750	·739	·740	·735	·736	·742	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·764	·786	·760	·735	·748	·741	·752	·766	·757	·743	·711	·708	·691	·700	·676	·741
7	·687	·684	·693	·701	·706	·716	·728	·780	·745	·755	·766	·773	·780	·760	·785	·762	·770	·782	·802	·811	·815	·826	·844	·839	·761
8	·830	·814	·770	·768	·767	·761	·759	·771	·769	·794	·820	·810	.800	·779	·718	·794	·797	·812	·805	·800	·785	·796	·806	·799	·793
9	·790	·810	·790	·802	·804	·791	·800	·780	·785	·750	·795	·796	·757	·818	·820	·843	·877	·855	·894	·896	·877	·801	·888	·864	·830
10	·896	·847	·858	·871	·807	·806	·807	·758	·800	·806	·818	·819	·826	·825	·844	·841	·858	·878	·839	·827	·814	·744	·757	·772	·823
11	·772	·756	·749	·716	·723	·735	·737	·736	·756	·750	·744	·739	·784	·738	·757	·738	·742	·726	·750	·780	·762	·764	·756	·760	·747
12	·750	·765	·778	·774	·775	·753	·754	·753	·760	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·808	·857	·855	·864	·857	·848	·866	·888	·807	·851	·872	·887	·840	·818	·810	·820
14	·820	·820	·834	·825	·826	·820	·817	·818	·828	·818	·798	·797	·797	·771	·793	·826	·853	·850	·849	·831	·819	·825	·871	·863	·825
15	·844	·867	·852	·867	·848	·850	·847	·844	·831	·825	·820	·823	·827	·819	·836	·871	·876	·868	·886	·898	·888	·816	·887	·873	·856
16	·863	·861	·858	·861	·856	·854	·839	·850	·828	·824	·820	·829	·838	·827	·849	·858	·894	·861	·897	·857	·872	·838	·844	·864	·855
17	·869	·842	·817	·815	·825	·817	·830	·815	·820	·819	·818	·819	·820	·821	·841	·857	·870	·863	·880	·834	·831	·816	·814	·834	·831
18	·828	·830	·827	·830	·825	·797	·825	·818	·813	·794	·776	·778	·771	·779	·795	·852	.816	·813	·791	·792	·779	·766	·683	.785	·796
19	·766	·772	·788	·800	·801	·779	·759	·759	·754	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·738	·723	·733	·743	·720	·736	·760	·757	·738	·706	·679	·707	·692	·689	·713	·742
21	·718	·740	·751	·774	·766	·777	·788	·801	·791	·779	·768	·754	·741	·742	·768	·798	·741	·727	·711	·747	·711	·679	·673	·659	·746
22	·625	·619	·589	·589	·597	·581	·618	·633	·642	·641	·640	·641	·642	·644	·669	·685	·689	·688	·631	·605	·628	·629	·643	·639	·633
23	·620	·854	·650	·644	·654	·649	·680	·689	·678	·674	·671	·676	·681	·691	·689	·727	·758	·741	·710	·710	·706	·718	·711	·698	·687
24	·669	·712	·718	·693	·684	·689	·701	·703	·702	·703	·705	·715	·726	·733	·738	·731	·678	·674	·689	·713	·702	·688	·685	·678	·703
25	·689	·669	·658	·669	·671	·692	·699	.688	·680	·694	·709	·697	·685	·691	·687	·718	·718	·661	·655	·678	·651	·681	·669	·680	·683
26	·686	·688	·689	·686	·684	·687	·677	·678	·690	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·684	678	·664	·650	·688	·699	·709	·710	·722	·665	·660	·624	·653	·649	·677	·678
28	·677	·661	·654	·629	·670	·657	·665	·662	·667	·663	·669	·678	·688	·669	.680	·646	·715	·714	·656	·659	·672	·664	·659	·669	·669
29	·648	·647	·653	·651	·658	·664	·665	·878	·657	·660	·664	·666	·669	·661	·671	·698	·721	·710	·692	·662	·672	·658	·650	·657	·668
30	·648	·655	·657	.654	·651	·652	·666	·661	·653	·657	·661	·680	·699	·673	·674	·712	·718	·664	·648	·626	·638	·632	·626	·597	·658
Means.	·760	·761	·754	·754	·754	·751	·756	·758	·757	·759	·761	·758	·756	·756	·769	·784	·790	·781	·768	·770	·763	·755	·750	·750	0·761

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily Means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	Daily and Monthly Means.
HUMIDITY OF THE AIR. DECEMBER 1853.																									
1	0·61	0·64	0·63	0·64	0·64	0·67	0·72	0·79	0·84	0·84	0·84	0·86	0·65	0·87	0·86	9·78	0·61	0·59	0·58	0·46	0·55	0·56	0·56	0·60	9·695
2	·62	·64	·65	·68	·69	·72	·71	·71	·71	·72	·72	·60	·85	·89	·86	·80	·77	·71	·63	·59	·62	·59	·59	·61	·703
3	·64	·65	·67	·67	·09	·71	·74	·79	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·77	·71	·74	·77	·66	·87	·81	·75	·71	·68	·58	·58	·60	·62	·64	·711
5	·65	·66	·66	·67	·69	·79	·71	·78	·86	·67	·90	·89	·87	·86	·85	·81	·77	·79	·67	·66	·63	·59	·60	·60	·734
6	·63	·67	·78	·76	·71	·73	·76	·75	·84	·86	·65	·88	·58	·88	·85	·81	·77	·73	·68	·46	·67	·58	·68	·61	·757
7	·64	·68	73	·75	·76	·77	·79	·79	·84	·65	·86	·87	·88	·28	·87	·62	77	·75	·72	·67	·62	·64	·68	·65	·769
8	·66	·69	·71	·74	77	·76	·79	·80	·76	·69	·65	·87	·19	·89	·89	·68	·80	·68	66	·65	·03	·59	·65	·64	·752
9	·67	·71	·74	·75	·74	·76	·75	·75	·78	·79	·76	·84	·89	·93	·91	·66	·81	·70	·66	·65	·64	·65	·66	·68	·756
10	·69	·70	·76	·76	·73	·72	·76	·74	·75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·64	·56	·92	·19	·59	·90	·89	·76	·71	·63	·63	·68	·61	·61	·61	·745
12	·66	·71	·72	·76	·73	·77	·78	·93	·40	·91	·92	·96	·91	·50	·93	·91	·66	·76	·69	·66	·66	·67	·66	·66	·791
13	·68	·76	·76	76	·84	·88	·89	·89	·88	·89	·89	·99	·50	·90	·91	·82	·76	·67	·69	·65	·57	·66	·65	·65	·770
14	·58	·62	·62	·68	·79	·71	79	·70	·79	·61	·82	·83	·84	·50	·66	·84	·78	·71	·63	·59	·58	·61	·62	·63	·715
15	·65	·64	·65	·65	·64	·64	·66	·67	·74	·77	·80	·84	·88	·88	·86	·62	·70	·66	·61	·48	·55	·58	·58	·59	·693
16	·69	·65	·65	·66	·65	·69	·74	·76	·67	·74	·80	·81	·82	·63	·85	·6)	·76	·65	60	·57	·57	·56	·57	·60	·686
17	·65	·67	·68	·70	·70	·69	·66	·70	·68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·78	·87	·89	·91	·90	·90	·86	·78	·66	·62	·63	·63	·63	·62	·68	·726
19	·64	·65	·69	·70	·71	·61	·65	·79	·88	·88	·88	·59	·51	·69	·90	·61	·78	·79	·64	·69	·60	·59	·55	·62	·754
20	·65	·66	·72	·66	·71	·67	·76	·83	·89	·91	·92	·91	·90	·91	·92	·86	·78	·71	·64	·60	·61	·60	·57	·59	·761
21	·62	·67	·70	·77	·83	·86	·87	·66	·82	·81	·80	·85	·89	·90	·90	·86	·75	·67	·56	·69	·58	·61	·62	·69	·760
22	·63	·66	·66	·70	·77	·78	·69	·64	·64	·64	·68	·63	·75	·77	·77	·77	·71	·60	·59	·44	·54	·55	·56	·59	·669
23	·66	·67	·69	·73	·74	·78	·85	·84	·87	·67	·86	·62	·77	·77	·77	·78	·72	·67	·66	·66	·56	·56	·56	·59	·723
24	·53	·67	·69	79	·75	·78	·82	·84	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·87	·91	·91	·90	·89	·90	·67	·76	·66	·63	·64	·63	·62	·62	·62	·756
26	·63	·65	·65	64	·63	·61	·08	·61	·69	·61	·68	·63	·62	·64	·63	·61	·62	·61	·65	·62	·61	·63	·59	·69	·623
27	·69	·74	·76	·76	·77	·74	·81	·77	·77	·76	·78	·72	·71	·72	·74	·80	·66	·69	·65	·65	·62	·63	·61	·65	·714
28	·70	·73	·78	·78	·80	·79	·82	·84	·86	·86	·65	·87	·89	·66	·68	·82	·76	·70	·65	·60	·59	·59	·69	·69	·759
29	·65	·69	·78	·77	·79	·80	·82	·83	·86	·87	·83	·86	·88	·86	·86	·86	·78	·76	·73	·71	·66	·69	·79	·70	·782
30	·75	·78	·83	·83	·85	·81	·81	·86	·85	·69	·53	·94	·94	·52	·92	·69	·82	·73	·79	·67	·66	·66	·68	·68	·806
31																									
Means.	·647	·676	·700	·716	·751	·746	·765	·777	·796	·815	·880	·845	·854	·862	·660	·626	·754	·668	·646	·617	·603	·606	·608	·669	0·733
TENSION OF THE ATMOSPHERIC VAPOUR. DECEMBER 1853.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·609	0·610	0·586	0·586	0·587	0·605	0·620	0·610	0·630	0·618	0·606	0·606	0·606	0·605	0·610	0·631	0·572	0·590	0·587	0·566	0·565	0·574	0·561	0·611	0·600
2	·695	·691	·586	·685	·623	·636	·681	·657	·682	·626	·616	·639	·656	·640	·636	·616	·651	·655	·664	·608	·657	·656	·695	·608	·623
3	·611	·555	·608	·611	·621	·631	·626	·631	·636	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·622	·606	·611	·613	·651	·635	·646	·663	·678	·666	·597	·607	·623	·629	·635	·625
5	·667	·626	·600	·555	·606	·604	·612	·656	·630	·636	·643	·632	·622	·612	·605	·626	·660	·649	·666	·647	·620	·602	·693	·601	·623
6	·589	·618	·636	·644	·611	·619	·659	·631	·687	·636	·636	·629	·623	·616	·609	·617	·661	·685	·665	·551	·591	·596	·590	·602	·625
7	·616	·621	·653	·646	·638	·634	·639	·636	·658	·656	·654	·645	·636	·634	·685	·659	·671	·710	·705	·669	·654	·660	·689	·648	·650
8	·634	·648	·647	·644	·662	·665	·661	·669	·634	·635	·646	·662	·673	·671	673	·651	·704	·663	·666	·668	·639	·612	·637	·636	·655
9	·654	·665	·679	·668	·655	·672	·643	·646	·654	·657	·661	·670	·660	·685	·664	·699	·726	·690	·675	·654	·666	·661	·659	·667	·669
10	·656	·649	·645	·641	·666	·627	·641	·620	626	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·647	·672	·646	·616	·599	599	·620	·644	·654	·623	·623	·586	·611	·694	·602	·629
12	·638	·640	·626	·638	·618	·633	·630	·674	·624	·617	·611	·596	·585	·582	·606	·641	·673	·676	·658	·649	·645	·666	·652	·634	·633
13	·639	·642	·650	·652	·648	·658	·645	·640	·617	·619	·623	·611	·600	·606	·610	·602	·663	·620	·599	·632	·644	·440	·587	·536	·616
14	·544	·561	·543	·668	·686	·550	·577	·585	·608	·612	·617	·606	·546	·598	·605	·617	·630	666	·602	·465	·573	·544	·566	·556	·591
15	·596	·569	·570	·556	·552	·646	·664	·572	·597	·686	·680	·569	·696	·586	·561	·551	·687	·655	·575	·555	·635	·566	·648	·558	·672
16	·558	·560	·563	·659	·542	·579	·599	·586	·559	·675	·691	·585	·659	·482	·685	·552	·609	·606	572	·565	·661	·547	·650	·565	674
17	·580	·461	·678	·669	·687	·587	·582	·692	·572	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·594	·616	·612	·609	·682	·603	·655	·656	·618	·603	·620	·620	·616	·601	·610	·692
19	·601	·579	·689	·586	·684	·616	·606	·653	·654	·690	·667	·681	·576	·663	·584	·558	·637	·639	·615	·585	659	·585	·616	·553	·693
20	·610	·691	·601	·468	·580	·549	·616	·622	·557	·687	·673	·570	·563	·549	·563	·692	·630	·627	·609	·672	·588	·678	·642	·566	·586
21	663	·559	·519	·606	·610	·609	·605	·577	·643	·540	·537	·541	·546	·546	·539	·578	·608	·581	·617	·547	·566	·496	·577	·556	·559
22	·558	·571	·572	·673	·691	·597	·564	·529	·519	·511	·504	·519	·516	·529	·545	·569	·607	·553	·649	·626	·621	·526	·540	·654	·547
23	·537	575	·582	·546	·697	·615	·628	·604	·626	·630	·634	·606	573	·569	·655	·590	·698	·616	·639	·673	·656	·546	·547	·558	·692
24	·568	·572	·573	·571	·579	·687	·601	·606	·566	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·680	·574	·565	·563	·649	·563	·614	·624	·696	·597	·610	·607	·585	·685	·565	·686
26	·462	·563	·559	·554	·541	·529	·624	·615	·494	·609	·524	·567	·530	·650	·543	·540	·579	·598	·629	·645	·631	·627	·695	·596	·561
27	·644	·675	·665	·672	·668	·644	·670	·662	·665	·638	·621	·614	·608	·613	·626	·676	·643	·669	·661	·670	·641	·530	·622	·634	·646
28	·659	·662	·681	·671	·681	·666	·671	·670	·656	·641	·629	·630	·631	·607	·613	·611	·647	·648	·632	·614	·607	·611	·611	·619	·639
29	·617	·614	·619	·624	·619	·616	·620	·622	·637	·620	·604	·595	·557	·671	·671	·610	·630	·667	666	·701	·617	·688	·677	·665	·632
30	·716	·704	·753	·713	·715	·706	·686	·650	·679	·674	·669	·663	·657	·639	·639	·678	·707	·675	·651	·649	·654	·648	·656	·651	·678
31																									
Means.	·608	·611	·612	·612	·613	·616	·619	·616	·611	·610	·599	·596	·602	·597	·602	·621	·642	·637	·626	·611	·603	·603	·599	·602	0·613

* The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means.

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DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. JANUARY 1853.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	2	1	1	31	31	31	30	22	25	28	22	29	29	29	32	31	31	31	1	2	1	3	2	2	351	NbyW
2	2	1	1	2	2	2	3	5	5	4	4	3	4	2	2	2	2	31	4	4	3	4	6	3	28	NEbyN
•3	3	3	6	2	2	2	2	2	2	2	1	0	0	2	2	6	7	7	B.stopped.		5	6	6	7	?	?
4	11	12	12	10	28	29	29	29	29	2	2	2	0	0	1	6	4	5	2	7	8	6	5	5	29	NEbyN
5	4	4	4	4	5	2	4	5	6	2	4	4	4	4	4	2	2	4	4	4	4	4	5	5	49	NE
6	4	4	4	4	5	5	5	5	5	4	6	2	1	0	29	30	31	31	2	5	5	4	4	4	22	NEbyN
7	4	2	3	4	5	5	5	5	5	5	2	5	5	5	0	0	2	6	7	5	7	6	7	7	52	NEbyE
8	5	4	4	4	4	4	4	3	3	3	2	25	38	26	28	29	30	0	4	2	7	6	6	6	25	NNE
9	4	2	3	5	5	5	5	8	6	28	28	35	28	28	38	30	30	0	5	6	5	7	7	7	19	NNE
10	7	6	5	6	7	7	7	7	7	7	5	4	2	2	2	1	21	0	4	6	6	8	5	5	54	NEbyE
11	4	4	4	4	4	4	4	4	6	21	20	28	26	28	29	29	30	30	4	4	4	5	4	4	17	NNE
•12	4	4	4	4	4	4	4	4	4	4	4	4	4	4	30	29	31	Board stopped.			5	4	5	4	?	?
13	4	5	5	5	4	4	4	4	4	4	4	4	4	28	28	29	30	31	2	4	6	8	6	5	33	NEbyN
14	5	2	5	5	6	7	5	6	6	6	29	29	22	29	29	29	30	0	3	5	5	6	2	5	30	NEbyN
15	4	4	4	4	4	4	4	4	4	4	4	5	4	20	31	31	0	4	5	6	6	6	5	5	40	NE
16	6	7	7	7	1	1	1	1	1	1	2	30	30	27	38	28	6	6	6	5	5	5	5	5	29	NEbyN
17	4	4	2	4	4	7	6	5	4	4	4	4	4	5	2	4	4	4	4	6	3	3	3	3	45	NE
18	3	6	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	45	NE
19	5	4	4	4	2	2	2	5	5	2	4	2	3	0	31	4	6	6	5	6	6	8	5	6	51	NEbyE
20	5	5	2	5	5	2	6	8	7	7	7	7	7	7	7	7	6	6	8	2	2	5	2	6	57	ENE
21	7	6	5	8	5	8	2	8	6	5	3	0	0	0	0	60	28	21	5	4	5	5	4	4	46	NE
22	4	5	2	5	2	9	7	2	5	6	38	28	7	7	7	6	5	7	2	5	2	4	5	5	54	NEbyE
•23	5	5	6	6	6	6	8	2	7	7	4	4	2	1	32	22	19	20	12	14	12	10	6	6	?	?
24*	7	6	7	2	2	5	2	2	8	8	6	5	6	5	7	7	7	7	8	10	10	2	7	5	61	E
25*	9	7	2	7	7	7	7	7	7	6	2	2	10	10	10	10	10	12	12	10	10	10	10	10	101	EbyS
26*	10	10	7	2	10	9	5	10	10	11	11	12	14	14	15	15	22	22	12	12	12	13	11	12	136	SE
27	12	12	12	9	9	10	6	6	6	8	7	7	7	6	0	30	30	6	0	0	3	31	4	4	58	NEbyE
28	3	3	6	3	3	2	5	8	7	6	6	5	4	26	6	29	20	20	15	4	5	8	5	9	23	NNE
29*	9	6	7	8	6	10	2	5	10	10	10	10	2	5	7	7	7	2	6	5	8	8	6	6	38	NE
30	4	4	4	5	5	5	5	5	5	5	2	4	4	4	4	4	4	4	4	2	5	5	5	5	51	NEbyE
31	2	2	5	5	4	4	4	4	4	4	4	4	4	1	1	0	3	4	5	4	4	2	2	4	44	NE
Hourly Means. No. 1	° 56 NEbE	° 24 NEbN	° 52 NEbE	° 53 NEbE	° 45 NE	° 20 NE	° 48 NE	° 47 NE	° 47 NE	° 40 NE	° 30 NEbN	° 31 NNE	° 22 NNE	° 8 N	° 4 N	° 6 NbE	° 10 NbE	° 31 NNE	° 53 NEbE	° 52 NEbE	° 53 NEbE	° 48 NE	° 58 NEbE	° 25 NEbN	° 32 NEbN	° 50 NE
Hourly Means. No. 2	111 ESE	105 EbS	96 EbS	105 EbS	106 ESE	111 ESE	108 ESE	111 ESE	111 ESE	111 ESE	121 SEbE	124 SEbE	129 SEbE	128 SEbE	124 SEbE	124 SbE	147 SEbS	150 SEbS	121 SEbE	121 SEbE	121 SEbE	118 ESE	108 ESE	118 ESE	118 ESE	
No. of Observations, with the Wind in each Quarter. N W	0	0	0	1	2	2	2	2	2	3	2	7	8	9	13	13	11	6	0	0	0	1	0	0	84	Obs. N W
S W	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	2	0	0	0	0	0	9	„ S W
S E	2	8	3	6	6	8	5	5	4	6	4	4	4	4	2	2	1	1	4	4	4	2	3	4	95	„ S E
N E	26	25	28	24	23	28	24	24	25	25	22	20	21	15	17	15	16	20	23	25	27	25	28	27	551	„ N E

• The Observations of 3rd, 12th and 23rd are rejected from the hourly and daily Means.

FORCE OF THE WIND. JANUARY 1853.

Day	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·20	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·22	0·18	0·25	0·25	0·26	0·06
2	·10	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·10	·22	·20	·15	·15	·05
•3	·22	·00	·00	·00	·00	·00	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	Board stopped.		·00	·00	·00	·00	?
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·18	·15	·14	·15	·15	·04
5	·18	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·06	·10	·02	·00	·00	·00	·00	·02
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·09	·00	·08	·10	·06	·00	·00	·00	·01
7	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·00	·00	·00	·00	·00	·01
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·04	·00	·02	·03	·01
•12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	Board stopped.			·10	·09	·12	·00	?
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·10	·14	·16	·22	·04	·07	·03
16	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·25	·14	·11	·03
18	·16	·14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·20	·26	·24	·23	·06
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·16	·20	·00	·18	·00	·25	·23	·04
20	·24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·16	·15	·16	·14	·12	·04
30	·22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·14	·12	·00	·00	·00	·00	·00	·02
31	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
Mean.	.04	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·04	·05	.05	.05	·05	·01

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of 3rd and 12th are rejected from the hourly and daily Means.

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DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. FEBRUARY 1853.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	4	3	4	6	6	6	26	26	25	58	28	26	28	28	25	1	26	1	3	7	8	9	9	9	15	NbyE
2	9	9	9	9	9	10	9	9	9	9	9	9	28	28	28	64	24	34	6	7	5	6	7	6	23	NNE
3	6	4	4	4	6	5	8	8	8	6	3	3	3	27	28	25	25	0	6	5	6	5	6	5	24	NNE
*4	6	5	5	6	5	6	5	3	5	6	4	58	58	26	26	26	7	7	Board stopped.			10	9	11	?	?
*5	12	16	12	12	16	15	15	12	12	15	12	12	54	24	24	26	28	6	6	10	9	10	11	12	?	?
*6	6	5	6	7	7	7	7	7	7	31	31	31	67	27	5	5	5	31	20	26	12	20	19	16	?	?
7	8	6	8	8	6	8	8	5	8	6	7	7	0	25	27	25	27	69	5	8	8	8	8	5	41	NE
8	4	4	3	6	3	3	5	3	3	3	6	69	29	56	29	68	0	4	4	4	6	4	4	4	22	NNEN
9	4	4	3	5	2	2	2	2	6	6	5	2	5	5	6	5	28	6	5	5	4	4	4	4	30	NEby
10	4	4	3	2	2	2	1	1	1	1	5	4	29	56	28	66	31	31	4	4	5	4	4	4	18	NNE
11	3	3	3	4	4	4	4	4	30	30	30	20	69	59	66	59	25	3	5	8	6	5	4	4	18	NNE
12	4	4	3	6	3	3	51	31	60	28	28	26	26	56	68	26	26	0	2	3	4	4	4	4	3	N
13	4	6	3	6	5	3	6	5	3	28	58	26	58	28	58	31	29	5	3	3	4	4	4	4	11	NbyE
*14	4	4	4	4	4	4	4	4	4	3	3	6	0	68	58	27	25	4	5	7	6	Board stopped.			?	?
*15	B. S.	7	7	7	7	7	5	5	68	68	26	26	66	26	58	26	25	20	15	11	11	8	9	9	?	?
16	7	6	8	8	8	8	8	6	9	27	27	27	27	57	57	27	66	56	10	11	15	16	16	12	16	NbyE
17	15	16	11	11	11	11	11	10	5	6	6	4	3	58	26	26	28	16	11	12	16	10	6	8	72	NbyE
18	6	7	5	3	3	3	6	6	4	4	4	4	28	28	28	26	30	31	1	7	2	6	5	7	40	NE
19	6	6	6	6	6	6	6	6	8	3	67	27	27	37	67	66	54	54	23	28	6	66	8	9	10	NbyE
*20	6	6	2	6	5	9	9	2	10	30	30	60	30	30	30	30	54	50	13	12	12	16	13	14	?	?
21*	11	11	11	11	11	11	11	12	12	16	16	12	51	51	51	61	50	20	20	16	17	15	13	12	166	SbyE
22*	15	15	12	12	12	12	16	12	12	13	12	23	28	25	66	51	17	16	7	15	12	16	11	11	165	SbyE
23*	16	10	11	11	11	11	11	10	10	66	52	21	21	23	23	25	20	16	17	10	10	10	10	10	156	SbyE
24	10	10	10	11	11	11	11	11	11	11	11	11	3	29	59	29	30	6	5	6	5	5	6	6	74	EbyN
25	6	6	5	5	5	8	8	6	3	5	3	3	3	8	3	3	4	5	5	6	5	5	8	6	51	NEbyE
26	5	4	4	4	4	4	6	6	5	6	5	8	6	6	4	30	30	5	4	5	5	6	6	6	49	NE
27	5	5	6	5	5	6	3	6	5	5	6	8	8	8	6	6	6	7	7	7	7	7	8	6	66	ENE
28	4	4	4	3	3	3	3	3	6	3	66	26	26	26	68	66	7	6	8	8	7	7	6	5	62	NEE
Hourly Means. No. 1	63° ENE	63° ENE	52° NEbE	56° NEbE	66° NEbE	52° NEbE	53° NEbE	61° NEbE	41° NE	26° NNE	20° NNE	15° NbE	349° NbW	333° NNW	331° NWbN	325° NWbN	333° NNW	17° NNE	50° NE	64° ENE	74° EbN	65° ENE	89° ENE	67° ENE	35° NEbN	66° NEbE
Hourly Means. No. 2	132 SE	123 SEbE	126 SEbE	126 SEbE	125 SEbE	166 SbE	126 SEbE	156 SSE	128 SEbE	183 S	173 SbE	223 SW	281 WbN	270 W	245 WSW	240 SWbW	213 SWbS	186 SbW	165 SbE	141 SEbS	147 SEbS	136 SE	126 SEbE	163 SSE	186 SbE	
No. of Observations, with the Wind in each Quarter. N W	0	0	0	0	0	0	2	4	4	9	9	13	17	22	28	16	13	6	0	1	0	1	0	0	145	Obs. N W
S W	0	0	0	0	0	0	0	0	0	0	0	1	2	2	5	4	4	5	4	6	6	1	1	1	32	" S W
S E	8	6	9	9	9	9	9	6	3	5	5	4	0	0	0	0	0	2	3	2	11	15	12	11	155	" S E
N E	19	19	19	19	19	19	17	16	16	14	14	10	9	4	5	6	8	16	17	15	14	13	14	15	336	" N E

*The Observations of 4th, 5th, 6th, 14th, 15th, and 20th are rejected from the hourly and daily Means.

FORCE OF THE WIND. FEBRUARY 1853.

Day	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
*4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	Board stopped.			·00	·00	·00	?
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·10	·25	·08	·02	·10	·05	·03
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·09	·00	·00	·00	·00
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·14	·00	·00	·00	·01
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·14	·11	·02
13	·06	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00
*14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	Board stopped.			?
*15	B. S.	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	?
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·00	·00	·00
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
18	·01	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·16	·00	·00	·00	·00	·00	·01
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
Means.	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·01	·01	·01	·01	·01	·00

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of 4th, 14th and 15th are rejected from the hourly and daily Means.

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DIRECTION AND FORCE OF THE WIND.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction.
Madras Mean Time.	P. M. h. m. 4·41	h. m. 5·41	h. m. 6·41	h. m. 7·41	h. m. 8·41	h. m. 9·41	h. m. 10·41	h. m. 11·41	h. m. 12·41	h. m. 13·41	h. m. 14·41	h. m. 15·41	h. m. 16·41	h. m. 17·41	h. m. 18·41	h. m. 19·41	h. m. 20·41	h. m. 21·41	h. m. 22·41	h. m. 23·41	h. m. 0·41	h. m. 1·41	h. m. 2·41	h. m. 3·41		
DIRECTION OF THE WIND. MARCH 1853.	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
*1	4	4	2	2	2	2	2	2	2	2	24	24	24	28	28	26	20	8	8	7	8	10	8	6	?	?
2	8	8	9	2	2	10	11	13	12	15	28	26	27	27	28	23	20	30	28	10	9	10	9	10	171	SbyE
3	11	12	18	12	12	12	12	22	22	22	22	20	20	20	20	20	20	17	12	17	12	12	12	12	183	S
4	18	13	13	18	13	18	18	13	13	18	13	22	22	22	23	22	21	17	12	12	12	12	12	12	170	SbyE
5	12	13	13	13	13	13	18	13	14	14	14	21	21	21	21	21	20	17	18	17	12	12	12	17	173	SbyE
6	13	13	14	14	14	14	18	14	14	14	14	23	23	28	23	28	20	15	13	12	12	12	12	11	174	SbyE
7	12	12	12	12	12	12	12	12	12	12	12	18	22	22	22	22	20	18	17	13	12	12	10	10	161	SSE
8	11	11	10	10	10	10	10	10	10	10	10	10	23	23	24	26	24	14	11	11	12	12	12	12	153	SSE
*9	11	12	12	12	13	12	12	18	12	20	20	20	24	24	28	23	28	80	6	7	6	6	6	8	?	?
10	6	6	6	7	7	8	8	12	18	18	20	20	21	21	21	21	22	16	16	12	13	11	8	8	162	SSE
*11	6	5	4	4	4	1	23	23	23	28	28	23	23	23	28	23	21	18	16	3	8	5	4	6	?	?
*12	13	18	13	13	13	15	13	13	13	31	21	21	21	21	20	20	21	21	31	21	21	20	B. stopped.		?	?
13	12	12	12	12	12	10	10	10	10	21	22	23	22	22	20	21	25	28	21	23	17	18	13	13	187	SbyW
14	13	18	18	14	14	14	14	14	16	22	21	20	20	20	18	17	17	17	18	14	13	13	13	13	179	S
15	18	12	12	13	12	12	12	12	13	17	17	20	20	20	31	20	20	16	12	12	12	12	12	12	185	SbyE
16	12	12	12	12	13	12	12	12	12	12	15	16	22	22	22	22	22	23	21	13	10	11	2	12	168	SbyE
17	12	12	12	12	13	12	13	12	12	12	21	21	21	22	23	21	20	20	32	16	12	12	12	12	176	S
18	13	12	12	13	12	12	12	12	24	24	84	24	24	21	21	20	18	13	12	12	12	13	12	12	179	S
19	11	11	11	11	11	11	11	11	11	11	11	20	20	20	20	20	19	12	12	12	11	12	11	11	150	SEbyS
20	11	10	10	10	10	10	10	10	11	12	13	18	21	22	32	22	16	21	21	20	20	20	20	20	176	S
21	12	12	12	12	12	12	12	12	12	12	21	21	21	22	22	22	17	13	13	12	10	10	10	10	161	SSE
22	11	10	11	11	11	12	12	12	13	13	21	21	22	22	23	23	21	16	14	11	11	11	11	11	166	SbyE
*23	9	9	8	8	9	8	8	3	9	9	8	8	2	2	2	24	23	12	8	8	7	10	10	10	?	?
24	10	10	9	8	9	8	10	10	10	10	13	24	24	25	26	27	20	14	12	13	8	8	8	9	152	SSE
25	10	0	9	9	9	8	8	8	8	8	8	8	8	3	29	0	0	4	4	2	4	4	4	4	67	ENE
26	4	4	4	4	4	4	4	4	2	4	5	5	2	1	0	2	6	8	7	8	7	8	8	8	53	NEbyE
27	7	7	8	7	8	8	9	10	9	10	8	8	9	8	9	10	11	12	13	15	13	14	14	14	112	ESE
28	13	11	12	12	10	10	11	13	12	12	11	11	11	12	12	12	12	12	13	12	13	13	13	13	133	SE
29	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	14	14	14	14	14	157	SSE
30	13	13	13	13	14	13	13	13	14	14	17	15	13	13	14	15	14	14	15	15	14	14	14	14	158	SSE
31	12	13	13	14	16	20	20	13	20	22	21	16	21	20	20	12	20	19	19	18	18	13	18	13	156	SbyW
Hourly Means No. 1	180° SE	182° SE	181° SE	132° SE	134° SE	138° SE	137° SE	144° SEbS	150° SSE	171° SbE	197° SSW	216° SWbS	232° SWbW	239° SWbW	239° SWbW	237° WbW	230° SW	183° SbW	182° S	159° SSE	143° SEbS	133° SE	138° SE	135° SE	166° SbE	156° SSE
Hourly Means No. 2	108 ESE	99 EbS	105 EbS	102 EbS	99 EbS	96 EbS	102 EbS	108 ESE	84 EbN	93 E	87 E	87 E	80 bN	77 EbN	37 NEbE	76 EbN	98 E	114 ESE	111 ESE	111 ESE	117 ESE	121 SEbE	121 SEbE	121 SEbE	99 EbS	
No. of Observations, with the Wind in each Quarter: N W	0	0	0	0	0	0	0	0	0	0	3	4	5	4	6	5	4	1	0	0	0	0	0	0	32	Obs. N W
S W	0	0	0	0	0	1	2	8	8	10	13	17	19	20	12	20	21	15	13	7	4	2	1	1	194	" S W
S E	26	26	27	26	27	27	27	26	23	18	13	8	4	4	4	4	4	13	15	20	23	26	25	26	442	" S E
N E	3	6	4	3	4	3	2	2	3	3	2	2	3	3	2	2	3	1	3	4	6	3	3	3	74	" N E

The Observations of 1st 9th 11th 12th and 23rd are rejected from the hourly and daily Means.

FORCE OF THE WIND. MARCH 1853.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	·000	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
4	·00	·00	·00	·00	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·06
6	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
7	·00	·00	·00	·0	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·06
11	·06	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
16	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
23	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·35	·20	·24	·82	·43	·62	1·87	·56	·20
27	1·06	1·75	2·13	2·08	2·46	1·88	·66	·52	72	·85	·40	·38	·25	·82	·58	·60	65	·95	·98	1·40	1·04	·86	0·60	·72	·59
28	0·15	0·02	0·00	0·00	0·00	0·00	·00	·00	·00	·00	·20	·45	·05	·18	1·06	·85	·86	1·65	1·80	1·80	1·47	·83	·58	·65	·58
29	·00	·00	·00	·00	·00	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	0·02	0·06	0.10	0·15	·15	·25	·15	·04
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·35	·27	·00	·10	·36	·28	·23	·07
31	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·06	·08	·08	·00	·00	·00	·00	·00	·01
Means.	·04	·06	·07	·07	·08	·06	·02	·03	·02	·01	·02	·03	·04	·05	·05	·06	·08	·10	·11	·12	·10	·09	·13	·07	0·06

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

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DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. APRIL 1853.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	14	14	14	14	14	14	14	15	13	20	17	17	17	13	18	15	15	18	12	12	15	14	14	15	151	s
2	15	15	15	16	16	15	15	13	17	15	17	17	17	17	17	17	18	17	17	17	18	14	14	14	151	s
3	14	14	19	16	16	15	13	16	13	10	17	13	17	17	17	17	17	17	17	17	14	14	14	14	150	s
4	13	13	14	14	14	14	14	14	14	14	15	16	13	18	16	16	15	17	18	17	14	18	13	13	168	sbyE
5	18	14	14	14	14	14	15	16	18	16	15	17	13	18	17	17	18	13	18	15	12	13	18	14	171	sbyE
*6	13	12	12	12	18	15	14	14	14	15	18	17	17	17	12	14	17	17	29	5	12	11	11	13	?	?
*7	17	18	13	29	3	5	4	2	8	0	5	14	14	14	12	12	17	15	12	12	3	3	3	3	?	?
8	11	10	11	12	12	12	12	12	12	12	12	13	20	20	20	25	21	14	10	10	9	9	9	9	151	sebys
*9	7	2	2	2	9	2	9	10	10	7	7	7	2	2	25	15	13	13	14	15	12	10	10	10	?	?
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	24	18	11	14	21	21	21	21	26	153	ssE
11	23	24	24	24	23	23	23	23	28	22	28	22	23	23	24	24	25	20	15	12	11	10	10	10	223	sw
12	11	11	11	11	12	12	12	12	15	15	15	15	15	20	20	21	19	18	14	15	12	12	12	12	160	ssE
13	13	13	12	18	14	14	15	15	12	18	18	17	17	17	17	18	17	18	13	12	13	18	13	13	173	sbyE
14	12	12	13	13	12	13	14	14	15	16	18	17	17	17	19	15	17	17	18	15	13	18	18	13	138	sbyE
15	12	18	15	13	18	12	13	13	13	18	20	16	18	13	20	18	17	14	12	13	13	12	12	12	160	ssE
16	12	13	12	12	12	13	13	18	12	18	13	21	21	21	21	21	21	12	18	12	12	12	12	12	135	sbyE
*17	12	12	12	12	13	13	13	12	13	13	12	18	20	20	20	— Board stopped.				—	12	12	12	12	?	?
18	8	11	11	11	12	12	12	12	12	12	20	20	20	20	20	20	16	15	15	12	12	12	12	12	159	ssE
*19	12	12	12	12	12	12	12	—	— Board stopped.				—	—	20	12	14	13	12	12	12	12	12	13	?	?
20	12	12	12	12	12	12	18	18	13	13	22	22	22	23	21	16	18	17	13	13	13	12	12	12	168	sbyE
21	11	12	10	11	12	12	12	11	10	10	10	10	21	21	21	12	14	12	12	11	11	12	12	12	149	sebys
22	11	11	11	12	12	12	12	12	18	24	24	24	24	24	20	20	15	15	13	12	12	12	12	12	172	sbyE
23	12	12	12	12	12	12	12	12	18	20	20	20	20	20	20	13	13	12	12	12	12	11	11	9	156	ssE
24	11	12	12	12	10	12	13	13	14	14	14	17	17	21	23	25	22	20	13	13	13	13	13	13	170	sbyE
25	12	12	12	12	13	13	12	13	18	12	13	13	21	21	21	17	12	13	13	12	13	18	13	13	157	ssE
26	12	12	12	18	12	13	13	20	20	20	21	21	21	21	20	21	19	19	16	11	11	10	10	10	177	s
27	12	12	12	12	13	12	13	13	18	13	12	18	17	17	20	20	19	18	12	17	17	12	12	12	165	sbyE
28	13	13	14	14	14	14	14	15	18	15	15	15	15	15	15	18	16	15	13	13	18	18	12	18	160	ssE
29	13	14	13	14	14	14	14	15	15	15	15	15	15	15	20	18	17	19	14	13	13	12	13	12	135	sbyE
30	12	12	12	18	12	13	14	15	15	15	18	16	15	15	18	17	13	15	12	18	13	12	12	18	159	ssE
Hourly Means.	142° sebs	144° sebs	147° sebs	148° sebs	149° sebs	150° sebs	153° ssE	152° ssE	162° ssE	174° sbE	187° sbw	193° ssw	205° ssw	209° swbs	213° swbs	214° swbs	196° sbw	172° s	155° sbE	160° ssE	142° sebs	142° sebs	142° sebs	144° sebs	166°	sbE
No. of Observations, with the Wind in each Quarter: N W	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	4	1	0	1	0	0	0	0	1	13	Obs. N W
S W	2	2	5	4	3	1	2	5	6	10	16	19	22	23	24	22	22	15	10	7	4	1	1	0	224	,, S W
S E	27	28	27	23	23	28	27	23	22	17	10	8	5	4	4	3	6	14	18	21	25	28	28	28	453	,, S E
N E	1	0	0	0	1	1	1	1	1	3	2	1	1	1	0	0	0	0	0	1	1	1	1	1	18	,, N E

* The Observations of 6th 7th 9th 17th and 19th are rejected from the hourly and daily Means.

FORCE OF THE WIND. APRIL 1853.

Day	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	
1	0·10	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0 00	0·09	0·00	0·20	0·35	0·55	0·28	0·22	0·00	0·00	0.15	0.37	0·10
2	·40	·25	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·22	·35	·23	·40	·15	·10	·00	·15	·20	·11
3	·18	·10	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	10	·15	·12	·08	·00	·00	·25	·22	·20	·06
4	·35	·10	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·09	·00	·05	·25	·22	·10	·00	·00	·00	·00	·00	·05
5	·00	·09	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·35	·13	·05	·05	·18	·24	·20	·20	·14	·12	·08	·00	·07
6	·25	·55	·22	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·80	·35	·00	·10	·20	·00	·11
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·09	·00	·00
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·09	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·50
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·06
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·05	·05	·01
13	·18	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01
14	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·25	·25	·28	·04
15	45	·20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·25	·18	·17	·05	·36
16	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·09	·00	·00	·00	·00	·00	·00	·00	·00
*17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	— Board stopped.				—	·00	·00	·00	·00	?
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·01
*19	·05	·00	·00	·00	·00	·00	·00	—	— Board stopped.				—	—	·00	·00	,00	·00	·00	·00	·00	·05	·00	·05	?
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·05	·02	·01
21	·08	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	[illegible]
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	[illegible]
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·05	·01
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·00	·00	·00	00
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·08	·02	·05	·15	·01
29	·25	·12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·18	·10	·15	·25	·30	·04
Means.	·08	·05	·01	·01	·00	·00	·00	·00	.00	·00.	·00	·00	.01	·01	·00	·02	·04	·05	·06	·05	·03	·04	·06	.06	0·02

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of 17th and 19th are rejected from the hourly and daily Means.

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DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. MAY 1853.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction.
Madras Mean Time.	P.M. h m 4.41	a. m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	13	13	13	16	13	16	14	13	13	16	16	16	16	13	16	16	17	13	13	13	13	13	13	18	160	sse
2	13	13	13	13	13	13	14	14	15	21	16	16	16	18	16	16	16	14	16	13	13	16	13	14	162	sse
3	16	16	13	13	16	13	14	16	13	13	20	20	20	16	16	16	15	14	13	16	13	13	14	14	170	sbye
4	13	13	13	14	13	15	15	16	17	17	17	17	17	17	17	17	17	16	18	13	13	13	18	13	172	sbys
5	13	16	13	16	14	14	15	15	16	13	16	16	15	15	16	17	17	17	14	13	13	13	14	14	163	sse
6	13	16	13	13	13	16	16	14	14	13	16	15	15	18	13	16	17	16	18	12	12	12	12	12	155	sse
7	13	13	13	13	13	13	15	13	16	20	20	19	17	19	20	17	17	16	13	14	12	13	13	12	178	sbye
8	13	13	13	13	13	13	14	15	16	16	17	17	16	18	19	16	17	16	16	13	13	13	16	13	168	sbye
9	15	15	15	15	13	15	16	16	16	17	21	21	15	3	4	11	14	16	16	12	12	18	12	12	157	sse
10	12	12	13	13	13	13	15	16	13	16	13	16	16	19	16	20	20	12	19	20	13	13	13	18	167	sbys
11	13	13	13	14	14	14	14	15	16	16	16	16	16	17	17	16	20	21	22	21	24	24	2	12	165	s
12	13	17	13	16	16	16	17	21	21	22	21	21	21	21	23	24	26	26	28	28	28	11	12	12	223	sw
*13	12	13	14	16	13	15	16	16	17	12	21	20	21	25	25	25	22	26	26	28	29	3	10	9	?	?
*14	12	12	13	16	12	18	16	15	16	16	13	20	20	21	22	26	25	28	29	3	8	11	11	11	?	?
*15	12	14	14	13	16	16	16	16	24	24	24	24	24	24	21	22	27	26	26	22	3	13	13	13	?	?
16	16	17	14	16	13	17	17	16	20	21	24	24	24	23	22	20	21	23	28	27	13	12	18	13	210	swbys
17	13	14	14	13	16	18	16	15	13	16	13	18	18	13	20	21	23	24	28	28	25	2	11	12	196	sbyw
*18	12	12	13	14	14	14	15	15	15	17	17	17	18	16	14	20	23	24	24	25	6	11	12	B. S.	?	?
*19	13	12	13	18	16	15	14	16	17	19	20	20	19	18	12	20	20	23	24	Board stopped.			9	11	?	?
20	13	13	13	16	16	16	16	16	16	17	17	17	12	20	17	19	20	22	22	26	26	26	27	13	304	ssw
21	14	14	16	16	16	16	16	15	16	13	16	16	16	18	17	16	17	16	13	13	13	14	14	14	172	sbye
22	16	13	14	16	16	16	18	17	13	16	17	17	17	17	20	16	13	17	12	16	12	6	23	22	180	s
23	16	16	16	15	16	16	16	17	16	17	17	17	17	17	12	12	20	20	21	20	16	14	14	14	187	sbyw
24	14	14	16	20	17	14	15	16	20	12	19	12	12	19	16	17	20	20	23	20	13	14	14	14	195	sbyw
25	13	14	16	16	16	16	17	20	20	21	21	23	21	20	20	20	21	21	23	26	23	22	20	20	217	swbys
26	6	7	7	7	8	6	7	7	7	8	10	12	12	11	12	12	16	13	14	16	13	14	14	13	116	ese
27	12	12	6	7	7	7	7	7	7	7	3	11	12	13	14	12	13	12	15	14	14	13	13	4	120	sebye
28	13	13	13	14	15	16	15	16	16	20	12	12	20	17	17	12	20	22	22	20	24	13	13	13	192	sbyw
29	17	17	16	18	17	20	20	23	26	29	20	30	21	21	13	22	21	20	20	21	12	12	13	12	222	sw
30	12	12	13	13	13	13	15	16	16	20	13	16	16	13	16	16	21	20	20	13	10	2	11	12	175	s
31	13	16	16	13	15	15	16	16	17	18	17	16	16	16	13	22	20	22	21	13	12	12	13	12	177	s
Hourly Means.	148° sebs	161° ssbs	149° sebs	156° sse	152° sse	160° sse	166° sbe	174° sbe	184° s	196° sbw	199° ssw	202° ssw	195° sbw	190° sbw	152° sbw	192° ssw	210° swbs	207° ssw	207° ssw	192° sbw	172° sbe	133° sse	136° sse	148° sebs	178°	s
No. of Observations, with the Wind in each Quarter. N W	0	0	0	0	0	0	0	0	2	2	3	3	2	2	1	4	3	6	6	6	5	2	1	0	50	Obs. N W
S W	1	2	4	6	10	11	11	13	19	22	23	24	24	25	27	23	25	19	14	6	2	1	2	2	313	" S W
S E	29	27	25	24	19	18	16	16	2	3	6	4	3	3	2	4	3	6	2	16	23	26	26	27	351	" S E
N E	1	1	2	2	2	2	2	2	2	1	0	0	0	1	1	0	0	0	0	0	0	1	0	1	21	" N E

* The Observations of 13th, 14th, 15th, 18th and 19th are rejected from the hourly and daily means.

FORCE OF THE WIND. MAY 1853.

Day	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·15	0·10	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·05	0·25	0·10	0·12	0·27	0·22	0·05
2	·25	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·12	·26	·12	·10	·04
3	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·15	·18	·45	1·15	·09
4	·65	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·06	·20	·10	·00	·00	·15	·18	·26	0·15	·08
5	·12	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·06	·02	·00	·00	·06	·45	·70	·86	·68	·13
6	·30	·18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·25	·25	·45	·22	·65	·20	·10
7	·35	·12	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·00	·00	·08	·10	·00	·00	·03
8	·08	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·05	·02	·02	·12	·12	·26	·38	·06
9	·65	·62	·30	·12	·15	·10	·02	·00	·00	·00	·00	·00	·00	·02	·25	·00	·00	·22	·00	·00	·00	·00	·02	·00	·11
10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·12	·16	·07	·00	·00	·12	·10	·08	·03
11	·10	·06	·05	·02	·07	·10	·09	·12	·13	·00	·00	·00	·00	·00	·00	·00	·06	·16	·20	·10	·05	·00	·00	·00	·06
12	·00	·00	·00	·00	·00	·00	·00	·09	·00	·00	·00	·00	·00	·00	·00	·00	·05	·00	·00	·00	·00	·00	·00	·00	·00
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
17	·00	·00	·00	·08	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·16	·08	·00	·00	·00	·00	·00	·00	·02
*18	·00	·00	·00	·02	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·02	·00	·00	·00	·00	B. S.	?
*19	·00	·00	·02	·16	·00	·00	·00	·01	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	Board stopped.			·00	·00	?
20	·00	·00	·00	·15	·07	·06	·02	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·10	·13	·03	·00	·00	·00	·03
21	·06	·16	·06	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·16	·22	·12	·10	05
22	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·13	·30	·26	·00	·00	·03
23	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	20	·00	·00	·00	·05	·12	·16	·43	·06
24	·35	·30	·30	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·82	·20	·30	·12
25	·45	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02
26	·00	·01	·01	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·01	·02	·00	·00
27	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·30	·22	·06	·03	·02	·05	·00	·00	·00	·00	·03
28	·02	·05	·12	·26	·06	·27	·26	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·10	·06
29	·08	·00	·02	·03	·00	·03	·00	·00	·00	·03	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·01
30	·12	·10	·06	·03	·00	·00	·00	·12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02
31	·10	·02	·06	·12	·16	·12	·23	·13	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·00	·00	·05
Means.	·14	·07	·04	·02	·02	·02	·02	·02	·01	·00	·00	·00	·00	·00	·02	·01	·04	04	·03	·06	·08	·13	·14	·13	0·04

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of 18th and 19th are rejected from the hourly and daily Means.

DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. JUNE 1853.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time	P. M. h. m. 4 41	h. m. 5.41	h. m. 6 41	h. m. 7 41	h. m. 8.41	h. m. 9 41	h. m. 10.41	h. m. 11.41	h. m. 12 41	h. m. 13.41	h. m. 14 41	h. m. 15 41	h. m. 16 41	h. m. 17 41	h. m. 18.41	h. m. 19.41	h. m. 20 41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0 41	h. m. 1 41	h. m. 2.41	h. m. 3 41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	12	12	13	14	14	14	15	14	20	22	21	21	21	21	20	18	20	20	20	23	23	22	26	10	220	sw
2	12	13	14	15	15	16	15	15	18	18	20	20	21	21	21	21	23	23	23	22	22	25	24	24	216	swbys
3	24	20	20	20	21	21	22	22	22	22	23	23	23	23	24	22	23	23	23	23	24	24	24	5	258	wbys
4	10	12	12	21	21	22	24	23	23	24	24	24	21	24	24	24	23	24	24	24	24	25	25	25	248	wsw
5	25	23	24	25	24	24	20	20	20	20	19	19	19	20	20	20	20	21	22	21	23	23	22	23	242	wsw
6	9	11	12	12	13	17	20	21	22	25	24	24	23	23	24	25	26	26	26	26	26	1	10	10	256	wbys
7	12	13	17	17	17	17	17	18	20	24	25	25	24	25	23	25	26	26	26	26	26	6	11	12	270	w
8	13	13	13	14	16	16	15	16	16	23	23	24	25	25	25	25	26	26	26	27	27	6	9	13	262	wbys
9	15	16	15	15	17	18	17	17	18	20	20	19	17	23	24	25	26	26	26	26	27	6	9	10	258	wbys
10	16	14	15	17	17	10	22	23	26	25	25	24	23	23	23	25	25	25	26	26	23	12	13	17	235	swbyw
11	13	13	14	14	15	17	18	18	19	21	22	22	22	26	61	0	29	0	0	20	21	10	11	13	225	sw
12	13	13	13	14	14	14	14	14	24	24	23	23	23	22	22	23	23	24	25	25	25	26	6	8	241	wsw
13	12	13	15	17	16	16	15	18	20	21	24	26	27	28	23	26	27	28	26	26	28	26	25	10	262	wbys
*14	12	4	4	3	16	15	15	20	16	21	24	23	23	23	23	28	23	23	25	26	27	27	29	26	?	?
15	60	15	17	17	19	18	20	19	20	21	24	24	24	24	24	25	25	26	25	25	24	27	25	26	256	wbys
16	11	13	15	15	16	16	17	25	23	25	25	26	27	31	30	63	26	24	24	24	25	25	25	23	255	wbys
17	24	24	24	23	24	24	26	27	25	22	21	24	22	26	22	22	23	21	24	24	24	25	25	24	267	w
*18	20	21	7	7	12	15	15	13	26	23	25	27	21	20	19	20	21	24	24	24	24	23	24	23	?	?
19	25	23	23	25	22	23	26	25	22	26	25	25	25	25	25	27	24	25	24	26	26	24	24	23	275	w
20	20	20	20	19	16	15	15	15	21	25	25	24	22	21	21	21	20	21	21	21	21	20	20	20	225	sw
21	20	20	14	14	14	15	15	15	15	15	21	24	22	21	19	20	20	21	21	21	21	21	20	20	210	swbys
22	13	13	13	17	15	13	13	17	23	23	23	20	22	23	22	22	22	21	21	21	22	22	20	22	215	swbys
23	15	14	15	16	16	16	25	24	25	26	25	25	26	26	25	26	25	25	25	25	24	22	22	22	251	wsw
24	22	29	14	15	16	17	16	18	18	21	22	24	24	24	24	25	26	25	25	25	25	25	26	26	250	wsw
*25	25	6	7	7	10	20	17	22	25	26	24	25	25	25	26	25	25	25	25	25	24	25	25	25	?	?
*26	22	21	22	24	24	—	—	—	—	Board stopped.			—	—	22	23	21	21	25	29	31	31	29	30	?	?
27	17	17	15	16	16	16	16	22	25	26	26	25	25	26	25	24	24	24	24	23	23	23	26	23	246	wsw
*28	17	16	26	26	25	24	24	25	2	3	5	4	4	4	4	4	5	4	5	4	5	4	4	6	?	?
*29	12	13	— Out of the Scale.				—	—	—	—	—	—	—	—	26	27	27	28	26	28	23	27	24	23	?	?
*30	23	5	4	6	8	11	10	10	13	15	15	17	18	18	19	20	20	20	29	20	20	20	21	28	?	?
Hourly Means.	186° s	183° s	180° s	192° sbyw	191° sbyw	198° ssw	208° ssw	219° swbs	237° swbw	251° wsw	253° wbs	261° wbs	259° wbs	267° w	266° w	270° w	265° w	271° w	274° w	270° w	270° w	279° wbn	300° nwbw	336° nnw	246°	wsw
No. of Observations, with the Wind in each Quarter: N W	5	3	2	4	4	3	5	5	5	9	14	17	11	12	13	15	15	13	20	10	19	14	15	10	259	Obs. N W
S W	9	9	7	11	15	18	13	16	20	16	12	10	16	15	14	13	14	10	6	10	10	9	7	10	292	" S W
S E	16	15	16	10	10	7	10	7	2	2	1	0	0	0	0	0	0	0	0	0	0	4	6	8	114	" S E
N E	0	3	4	4	0	0	0	0	1	1	1	1	1	1	1	2	1	2	2	1	1	3	2	2	54	" N E

* The Observations of 14, 18, 25, 26, 28, 29, and 30th are rejected from the hourly and daily Means.

FORCE OF THE WIND. JUNE 1853.

	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·00	0·00	0·00	0·05	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·75	0·35	0·20	0·00	0·00	0·06
2	·00	·00	·00	·00	·00	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·50	·85	0·45	·40	·20	·12	·00	·00	·12
3	·00	·00	·15	·00	·00	·00	·00	·30	·30	·47	·65	·25	·32	·13	1·00	1·60	2·12	2·00	1·55	1·00	·65	·35	·00	·10	·55
4	·00	·00	·00	·00	·00	·00	1·05	·40	·37	1·12	1·35	·35	·25	·00	0·30	1·33	1·85	3·15	1·90	1·32	1·00	·45	·28	·10	·65
5	·10	·05	·38	·60	·16	·60	0·53	·80	·35	0·25	0·10	·02	·22	·07	·12	1·40	1·60	1·90	0·85	0·39	0·43	·28	·15	·00	·49
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·35	·23	·15	·05	·65	0·12	0·03	0·05	·02	·00	·00	·00	·00	·00	·05
7	·00	·00	·02	·02	·00	·00	·00	·00	·00	·10	·08	·15	·00	·03	·03	·10	·42	·70	·25	·18	·01	·00	·00	·00	·09
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·45	1·12	1·00	·30	·23	·15	·10	·00	·00	·00	·11
9	·00	·00	·00	·00	·16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	0·10	0·22	·20	·15	·02	·00	·00	·00	·00	·04
10	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·05	·30	·15	·88	·25	·23	·15	·00	·00	·02	·00	·02	·09
11	·10	·12	·00	·00	·00	·02	·15	·22	·10	·00	·00	·00	·00	·00	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·03	·08	·03	·00	·00	·00	·00	·01
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·02	·02	·05	·05	·07	·03	·00	·00	·02
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·15	·10	·00	·02	·00	·00	·01
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·01	·00	·00	·00	·00	·00	·00	·00	·03	·01	·00	·00	·00
16	·00	·00	·00	·00	·00	·00	·00	·12	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·02	·08	·03	·01
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	1·00	1·55	1·00	·80	1·00	1·10	·54	·25
18	·00	·25	·00	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	0·00	0·30	0·70	·50	0·45	0·25	·12	·13
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·18	1·25	1·36	·63	·55	·35	·1[illegible]
20	·12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·32	·67	0·50	0·48	·70	·35	·16	·14
21	·00	·00	·00	·10	·13	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·08	·15	1·00	·55	·50	·10	·10	·14
22	·18	·20	·08	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·25	·45	0·28	·80	·25	·05	·10	·11
23	·00	·08	·07	·00	·00	·00	·02	·05	·05	·00	·00	·00	·00	·00	·00	·05	·15	·10	·09	·06	·07	·08	·00	·00	·04
24	·00	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·09	·00	·00	·08	1·12	1·51	1·00	·95	·50	·10	·25	·05	·21
25	·10	·02	·00	·00	·00	·00	·00	·00	·20	·15	·00	·00	·30	·00	·25	1·02	1·45	1·80	2·12	1·63	1·20	1·16	·85	·15	·52
*26	·15	·00	·05	·50	·25	—	— Board stopped.				—	—	—	—	·00	0·60	0·00	0·06	0·12	0·46	0·32	0·25	·03	·15	?
27	·06	·00	·00	·00	·00	·00	·00	·00	·00	·07	·02	·00	·00	·00	·00	·20	1·22	1·10	·95	·45	·20	·15	·13	·10	·15
28	·10	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	0·50	0·70	·25	·20	·35	·15	·10	·00	·12
29	·03	·32	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·17	·26	·60	·20	·03	·05	·03	·07
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·00	·00	·05	·12	·35	·05	·09	·00	·00	·00	·02
Means	·03	·04	·01	·03	·04	·03	·06	·07	·05	·07	·09	·03	·04	·02	·08	·29	·47	·65	·54	·45	·35	·23	·15	·06	0·16

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of 26th are rejected from the hourly and daily Means.

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DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. JULY 1853.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	16	27	7	16	15	17	18	20	21	24	25	26	26	26	27	27	27	27	27	27	27	27	26	26	259	wbys
2	23	22	21	21	21	31	25	18	18	27	28	30	30	29	28	28	29	29	29	29	29	29	30	30	258	swbyw
3	27	27	12	12	22	19	24	26	26	26	26	26	26	25	25	25	26	26	24	23	24	24	24	24	267	w
*4	14	20	10	16	18	23	2	2	7	7	13	14	18	18	21	23	22	22	24	21	21	21	B.stopped.		?	?
5	20	25	22	23	15	15	15	15	15	17	17	17	17	17	17	18	20	22	22	22	22	13	14	14	208	ssw
6	13	15	16	16	17	19	20	21	21	22	23	23	23	23	23	22	23	22	24	24	24	24	24	24	237	swbyw
7	21	13	12	15	17	18	17	18	19	19	19	20	30	20	20	21	24	23	23	24	24	21	22	22	221	sw
8	23	20	16	16	20	24	25	24	25	25	24	24	24	23	24	22	21	21	23	23	24	24	23	23	254	wbys
9	23	21	21	21	21	22	22	23	24	24	24	23	23	22	22	23	22	23	24	23	23	21	23	25	255	wbys
10	22	26	24	15	24	22	23	23	22	23	21	22	22	22	22	21	23	23	24	24	24	23	22	21	252	wsw
11	21	21	20	21	24	23	25	24	24	24	24	24	23	23	22	22	22	23	22	24	25	24	24	23	258	wbys
12	23	22	23	22	22	22	22	21	19	18	20	20	18	19	19	16	17	17	20	18	18	19	21	20	223	sw
13	21	23	27	29	8	12	22	22	23	23	21	21	22	21	20	20	21	22	23	22	22	22	22	22	240	swbyw
14	18	21	22	21	21	21	23	22	21	22	23	23	21	21	21	21	19	23	22	22	21	21	21	21	240	swbyw
15	21	22	22	28	9	13	20	22	22	22	23	22	22	22	23	28	22	23	22	23	22	23	25	26	245	wsw
*16	26	20	24	24	23	23	22	23	23	23	Board stopped.			—	23	23	23	23	23	24	24	24	24	25	?	?
17	26	21	19	20	16	20	22	23	23	23	23	23	23	23	22	24	24	24	24	24	25	25	25	25	256	wbys
*18	24	24	23	23	23	23	25	25	24	24	24	25	25	25	Board stopped.			23	24	24	24	24	24	24	?	?
*19	1	10	11	13	13	20	24	24	24	24	24	24	24	23	23	23	24	24	24	24	24	24	24	24	?	?
20	25	25	25	25	26	26	23	23	24	24	24	24	24	25	23	25	25	25	25	25	25	25	25	25	278	wbyn
21	25	25	23	22	21	22	21	18	24	24	24	24	25	25	24	24	24	23	23	23	21	21	22	23	261	wbys
22	16	11	11	18	13	13	13	13	18	22	22	22	23	22	22	22	22	21	22	22	22	23	23	23	210	swbys
*23	12	12	9	29	17	15	15	25	15	15	15	15	22	22	22	23	25	24	24	25	25	24	4	12	?	?
24	13	14	15	15	16	17	17	18	24	24	23	24	25	25	25	26	26	27	23	27	23	27	26	12	245	wsw
25	12	12	16	17	17	18	19	20	23	30	18	18	23	25	25	25	26	27	27	27	28	28	12	12	232	swbyw
*26	13	14	14	15	16	16	16	19	21	21	21	21	23	23	24	27	27	28	29	28	28	9	9	9	?	?
*27	12	12	12	13	13	15	15	17	17	13	17	17	17	17	18	28	29	28	28	3	8	6	9	10	?	?
*28	11	13	13	14	14	15	15	16	16	18	19	20	21	20	22	25	26	27	28	1	9	9	10	11	?	?
29	13	13	14	14	15	16	17	17	17	21	21	21	22	22	22	27	28	28	28	11	11	12	14	14	205	ssw
*30	14	14	5	15	15	16	17	18	18	19	19	20	21	22	24	27	28	28	20	30	11	10	9	11	?	?
31	12	13	14	16	17	16	17	16	17	17	17	18	18	21	23	27	28	29	28	28	16	8	9	11	204	ssw
Hourly Means.	° 222 sw	° 225 sw	° 200 ssw	° 214 swbs	° 204 ssw	° 218 swbs	° 226 sw	° 229 sw	° 233 swbw	° 257 wbs	° 252 wsw	° 254 wbs	° 256 wbs	° 257 wbs	° 257 wbs	° 261 wbs	° 266 w	° 270 w	° 273 w	° 264 wbs	° 260 wbs	° 250 wsw	° 244 wsw	° 23[illegible] swbw	° 243	wsw
No. of Observations, with the Wind in each Quarter: N W	6	7	4	5	3	4	6	6	9	12	10	10	9	8	10	14	17	15	20	17	18	15	12	11	248	Obs. N W
S W	13	11	14	15	13	20	19	22	18	17	13	18	21	22	20	16	13	16	11	11	9	9	9	[illegible]	369	,, S W
S E	11	13	12	11	10	7	5	2	3	1	2	2	0	0	0	0	0	0	0	1	4	6	8	1	108	,, S E
N E	1	0	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	2	0	1	1	0	10	,, N E

* The Observations of 4, 16, 18, 19, 23, 26, 27, 28, and 30th are rejected from the hourly and daily Means.

FORCE OF THE WIND. JULY 1853.

Day	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·12	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0.00	0·00	0·00	0·00	0·00	0·00	0·05	0·22	0·18	0·08	0·05	0·10	0·07	0·01	0·01	0·04
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·02	·03	·75	·82	·77	1·12	·25	·37	·20	·18
3	·00	·00	·00	·00	·00	·00	·00	·05	·37	·33	·02	·00	·01	·00	·03	·35	·68	·40	.55	·60	0·62	·45	·35	·38	·24
4	·00	·18	·00	·02	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·10	·07	·00	·00	B. S.		?
5	·90	·18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05
6	.05	·02	·00	·00	·03	·18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·03	·00	·00	·01
7	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·15	·85	1·01	·50	·35	·25	·13
8	·02	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	02	0·25	·72	·52	·86	·1[illegible]
9	·38	·60	·15	·10	·08	·00	·00	·00	·00	·00	·00	·00	·03	·00	·00	·00	·00	·00	·42	1·12	·35	·00	·00	·00	·13
10	·00	·00	·85	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.18	·90	1·35	1·10	1·45	1.22	·45	·35
11	·00	·08	·07	·00	·00	·00	·80	·02	·05	·15	·00	·00	·00	·00	·00	·00	·02	·15	·28	0·57	0·85	2·48	2·15	1·85	·40
12	2·23	·70	1·35	·45	·97	·25	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·30	38	·85	·45	0·90	0·88	0·65	·45
13	0·80	·82	0·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·17	·25	1·24	1·20	·70	·60	·32	·26
14	·68	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·42	1·65	0·85	0·58	·45	·22	·15	·21
15	·08	·07	·85	·00	·00	·00	·00	·20	.02	·00	·00	·01	·00	·00	·02	·03	·15	·13	0·25	·38	·20	·80	·40	·00	·15
16	·80	·08	·00	·05	·22	·45	·10	·28	·12	·10	—	Board stopped.			.00	·10	1·25	2·28	1·80	1·70	1·55	1·72	·85	1·00	?
17	·28	·02	·08	·02	·00	.10	·35	·15	·00	·00	·00	·18	·02	·10	·00	1·02	1·95	1·77	1·40	1·35	0·85	1·10	·90	0·25	·50
18	·08	·02	·00	·00	·00	·01	·00	·00	·00	·01	·02	·00	·00	·00	Board stopped.			0·65	0·58	0·30	·12	0·10	·08	·02	?
19	·00	·00	·00	·00	·00	·00	·12	·25	·00	·00	·00	·00	·00	·00	·00	0·25	0·50	·62	·48	·27	·22	·15	·17	·15	·13
20	·35	·00	·00	·00	·00	·00	·00	·00	·18	·30	·25	·10	·37	·32	·00	1·25	1·15	1.23	·95	1 20	·38	·25	·02	·00	·85
21	·00	·00	·00	·12	·00	·00	·80	·00	·00	·01	·00	·00	·00	·00	·00	0·28	0·52	0·40	·70	0·35	·15	·05	·18	·05	·15
22	·85	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·32	·50	·35	·15	·07	·00	·00	·10
23	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·02	·13	·03	·00	·00	.03	·01
24	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·08	·75	·40	·20	·22	·00	·00	·07
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·25	·30	·03	·00	·00	·00	·03
26	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·12	·05	·00	·00	·00	·00	·00	·00	·01
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
28	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·00
29	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·03	·03	·00	·00	·00	·00	·02	·01
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·13	10	·08	·00	·00	·00	·00	·00	·01
31	·00	·00	·00	·00	·02	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	.00	·01	·00	·00	·00	·00	·00	·00
Means.	·25	·09	·12	·02	·04	·02	·03	·02	·02	·03	·01	·01	·01	·02	·00	·12	·21	·28	·39	·47	·38	·88	·30	·20	0·15

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. AUGUST 1853.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
*1	13	13	14	15	15	17	17	18	20	18	18	20	22	24	24	25	26	26	27	28	29	28	10	10	?	?
*2	12	13	14	16	20	17	17	20	23	20	21	23	23	24	24	24	26	27	20	3	11	10	7	24	?	?
*3	22	11	12	14	18	22	21	21	20	20	18	18	16	19	20	21	23	24	28	30	7	7	7	1	?	?
4	10	11	11	13	16	20	16	16	16	16	17	16	17	19	20	21	21	23	24	25	26	8	11	10	188	sbyw
5	10	12	12	13	13	15	15	15	20	19	18	18	17	17	17	18	20	23	8	10	5	6	7	8	157	ssE
*6	6	10	10	12	13	13	14	14	15	16	18	17	17	18	19	20	20	21	23	26	26	0	10	12	?	?
*7	9	12	12	13	12	16	15	16	20	20	21	20	16	17	19	21	22	24	26	28	4	5	6	7	?	?
*8	11	12	12	13	15	15	15	16	20	20	18	20	19	20	20	20	27	29	1	0	4	10	10	16	?	?
*9	31	10	9	9	9	12	14	17	16	20	20	20	19	20	21	23	24	24	28	4	4	4	5	5	?	?
*10	6	6	14	14	14	15	16	16	16	17	22	18	27	31	30	31	30	28	29	22	25	20	2	2	?	?
*11	16	16	17	17	19	18	19	20	22	26	25	26	25	25	25	26	27	27	24	21	13	18	13	13	?	?
12	14	14	14	15	15	15	18	20	21	21	20	20	17	16	17	16	20	21	18	12	12	12	12	12	184	s
13	12	13	13	14	15	15	15	15	16	17	17	17	18	19	21	24	24	27	26	24	25	28	26	26	217	swbys
*14	12	13	14	15	15	15	16	17	17	18	20	20	20	21	25	25	26	4	4	23	27	26	7	5	?	?
*15	4	4	4	30	30	31	31	31	31	17	18	18	21	21	21	23	25	27	29	30	30	31	5	4	?	?
*16	12	24	10	14	14	14	14	14	20	22	23	23	23	23	25	26	27	29	31	31	0	8	9	11	?	?
17	10	10	10	12	12	12	12	12	12	20	20	20	20	20	20	23	21	16	12	11	12	15	18	14	168	sbyE
18	13	20	20	20	20	20	17	17	17	20	19	19	19	19	19	24	24	28	25	12	11	10	8	10	2[illegible]	ssw
*19	12	12	13	14	14	14	14	14	14	20	20	19	20	20	20	21	24	24	24	25	27	4	11	14	?	?
*20	12	13	13	14	14	15	16	16	19	21	22	20	6	7	18	23	22	22	25	26	26	27	27	5	?	?
21	13	13	13	17	17	17	17	19	21	20	21	23	25	26	26	27	28	29	2	27	28	28	23	25	254	wbys
22	24	25	25	26	25	25	3	21	21	22	23	22	22	22	22	22	22	23	24	25	25	26	26	23	270	w
23	23	25	20	19	19	19	18	20	21	23	22	22	23	24	23	24	24	25	25	25	25	26	26	26	256	wbys
24	27	28	10	13	13	14	14	16	20	20	21	31	0	25	24	24	25	24	25	25	23	22	21	21	243	wsw
*25	17	14	13	13	15	16	16	16	17	20	20	20	20	20	20	25	26	26	26	27	3	11	12	13	?	?
26	11	17	13	15	21	16	18	18	20	23	24	25	25	24	23	23	23	23	25	24	27	24	24	9	232	swbyw
27	8	16	16	12	17	17	17	21	20	20	21	24	23	23	23	24	25	26	26	26	26	26	26	26	239	swbyw
28	26	11	10	27	26	26	25	20	21	22	22	22	23	22	22	22	24	25	25	26	25	25	25	25	256	wbys
29	27	28	26	28	22	23	22	22	23	24	23	23	24	24	24	24	25	26	26	26	26	26	26	24	278	wbyN
30	20	20	20	20	20	21	21	20	20	21	22	23	23	23	23	23	23	28	22	22	22	22	22	22	243	wsw
31	24	23	22	22	22	21	21	22	23	22	23	22	22	22	22	22	23	25	25	24	23	22	23	22	254	wbys
Hourly Means.	191° sbw	201° ssw	181° s	200° ssw	206° ssw	207° ssw	205° ssw	207° ssw	219° swbs	232° swbw	234° swbw	243° wsw	246° wsw	243° wsw	243° wsw	254° wbs	262° wbs	272° w	261° wbs	244° wsw	240° swbw	226° sw	228° sw	217° swbs	228°	sw
No. of Observations, with the Wind in each Quarter. N W	6	5	2	4	3	3	2	1	1	2	2	4	5	9	9	14	19	21	23	21	16	11	9	7	199	Obs. N W
S W	5	6	6	7	12	15	18	24	27	29	29	27	24	21	22	17	12	9	8	3	3	5	3	5	332	" S W
S E	17	18	22	20	16	13	10	6	3	0	0	0	0	0	0	0	0	0	2	4	5	9	11	13	169	" S E
N E	3	2	1	0	0	0	1	0	0	0	0	0	2	1	0	0	0	1	3	3	7	6	8	6	44	" N E

* The Observations of 1, 2, 3, 6, 7, 8, 9, 10, 11, 14, 15, 16, 19, 20 and 25th are rejected from the hourly and daily Means.

FORCE OF THE WIND. AUGUST 1853.

Day	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·02	0·05	0·00	0·00	0·00	0·00	0·00	0·00
2	·00	·00	·30	·00	·00	·00	·00	·00	·63	·72	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·0[illegible]	·06
3	·00	·00	·00	·05	·02	·00	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·35	·10	·00	·02	·00	·05	·00	·01	·02	·00	·00	·00	·00	·00	·03
5	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·12	·10	·00	·00	·00	·00	·00	·00	·02	·02	·00	·00	·00	·00	·01
7	·00	·00	·00	·00	·00	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·05	·04	·03	·02	·00	·00	·00	·00	·00	·01
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·01	·00
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·18	·01
13	·02	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
16	·00	·12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·35	·00	·00	·00	·00	·00	·00	·15	·38	·28	·15	·10	·05	·04	·07
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·15	·20	·25	·27	·04
22	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·05	·03	·07	·10	·02	·00	·02
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·02	·01	·00	·00	·00	·00	·00	·00
24	·00	·00	·00	·00	·00	·00	·00	·00	·05	·02	·00	·00	·00	·00	·00	·00	·01	·00	·00	·00	·00	·00	·00	·00	·00
25	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·00	·00	·00	·00	·00	·08	·15	·07	·02	·00	·00	·13	·00	·00	·02
26	·00	·00	·00	·00	·35	·00	·00	·02	·05	·13	·30	·05	·00	·00	·00	·00	·10	·17	·05	·12	·15	·08	·02	·00	·06
27	·00	·00	·00	·00	·00	·00	·00	·18	·15	·10	·00	·00	·00	·00	·00	·00	·60	·58	·55	·35	·57	·25	·17	·00	·15
28	·02	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·18	·10	·02	·05	·04	·15	·05	·40	1·15	1·40	·95	·40	·00	·21
29	·05	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·12	·30	·35	·32	·35	·23	·40	·30	0·37	0·80	·28	·12	·00	·17
30	·00	·05	·55	·00	·22	·85	·30	·00	·00	·02	·55	·65	·30	·00	·00	·25	1·00	1·15	1·20	·85	1·00	·95	·90	1·12	·51
31	·25	·00	·60	·00	·00	·00	·00	·02	·20	·00	·00	·00	·00	·00	·00	·00	0·08	0·54	0·55	1·00	0·55	·42	·38	0·30	·22
Means.	·01	·01	·02	·00	·02	·03	·01	·01	·04	·04	·07	·04	·03	·01	·01	·03	·10	·11	·13	·14	·16	·11	·08	·06	0·0[illegible]

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. SEPTEMBER 1853.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.
1	23	23	10	10	25	24	24	23	25	26	25	25
2	23	22	22	22	22	22	23	23	23	23	22	23
* 3	28	13	Board stopped.			13	16	16	20	22	22	21
4	12	13	16	17	19	13	20	22	24	23	23	23
5	12	12	12	13	14	14	14	14	16	16	13	20
6	14	14	14	14	14	16	16	19	21	20	19	13
7	21	13	14	14	15	15	15	19	19	20	20	21
8	10	11	11	12	14	16	17	17	16	16	17	17
9	17	17	17	18	18	19	21	22	20	21	21	23
10	13	13	14	16	17	17	17	17	17	13	18	13
*11	12	12	13	13	13	12	16	26	26	21	20	20
*12	10	11	12	13	15	16	19	19	20	21	23	23
*13	11	12	13	13	13	15	21	23	22	23	23	19
14	14	14	14	14	14	17	18	18	13	18	13	18
15	13	13	14	15	18	19	18	18	19	21	21	21
16	29	14	15	21	15	17	25	23	23	23	20	18
17	13	16	15	16	13	21	23	24	24	24	24	20
18	12	15	22	23	21	21	24	24	24	24	24	20
19	23	21	21	21	21	21	21	21	21	22	21	21
*20	8	26	23	20	22	22	21	23	23	23	23	25
*21	6	8	8	8	8	8	8	21	22	23	22	22
*22	5	6	6	6	6	6	12	12	19	21	23	25
*23	12	12	12	13	13	18	18	23	23	23	23	23
24	12	13	13	15	21	20	24	21	21	21	21	23
*25	8	12	13	14	16	19	20	21	18	19	20	20
26	12	12	13	14	14	13	16	18	18	18	18	19
*27	7	13	16	19	19	20	20	20	21	22	23	23
*28	12	6	16	16	16	16	16	18	18	18	18	18
29	15	17	20	19	20	20	21	21	21	21	21	23
*30	4	4	5	15	15	16	16	19	20	21	20	3
Hourly Means.	182° s	170° sbE	167° sbE	173° s	193° ssw	205° ssw	219° swbs	234° sw	22[illegible]° sw	232° swbw	230° sw	231° swbw

Gottingen Mean Time.	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction.
Madras Mean Time.	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	25	24	24	23	23	24	24	25	25	24	23	23	238	wbys
2	23	23	22	23	23	24	22	22	23	24	27	23	258	wbys
* 3	22	23	23	23	23	24	24	24	25	22	23	8	?	?
4	23	23	24	24	26	26	24	24	28	8	11	12	236	swbyw
5	20	13	20	20	18	17	20	21	21	21	14	13	187	sbyw
6	19	24	28	25	25	23	22	24	24	23	23	22	226	sw
7	20	20	20	21	21	22	25	27	11	11	11	11	200	ssw
8	18	21	21	21	21	23	30	6	10	12	10	14	173	s
9	24	24	24	26	28	23	29	30	2	12	12	13	?	?
10	19	21	21	25	26	25	26	27	30	29	28	23	232	swbyw
*11	13	21	23	23	23	23	25	25	25	27	0	7	?	?
*12	24	25	24	24	26	27	28	28	28	9	9	8	?	?
*13	20	21	21	22	22	27	0	12	12	13	13	13	?	?
14	13	20	20	20	21	21	23	28	12	12	10	12	193	sbyw
15	21	20	20	21	25	25	24	24	12	12	30	13	214	swbys
16	19	19	20	20	20	23	23	22	12	12	12	13	215	swbys
17	21	21	20	20	20	23	21	31	12	12	12	12	217	swbys
18	20	20	20	23	23	24	30	3	12	12	12	13	?	?
19	21	21	21	3	31	27	28	28	26	28	25	14	267	w
*20	24	24	23	21	22	23	24	28	31	7	7	7	?	?
*21	24	23	24	24	26	27	29	31	31	31	4	4	?	?
*22	24	24	24	24	27	28	29	1	8	1	1	8	?	?
*23	23	23	23	23	25	31	31	8	10	10	12	12	?	?
24	22	21	22	23	24	26	19	22	23	25	25	23	234	swbys
*25	20	20	21	23	23	24	25	25	25	5	6	10	?	?
26	18	20	20	20	21	23	23	23	23	23	25	23	210	swbys
*27	24	25	26	27	28	28	23	29	0	10	5	9	?	?
*28	19	20	20	20	21	23	26	23	3	11	16	10	?	?
29	23	25	25	27	28	29	30	30	31	31	4	5	279	wbyN
*30	8	23	21	21	24	24	26	30	30	29	30	10	?	?
Hourly Means.	232° swbw	240° swbw	252° wsw	253° wbs	262° wbs	267° w	271° w	270° w	227° sw	216° swbs	226° sw	2[illegible]4° ssw	225°	sw

The Observations of the 3rd and 11th 12th 13th 20th 21st 22nd 23rd 25th 27th 28th and 30th are rejected from the hourly and daily Means.

Number of Observations, with the Wind in each Quarter.

Quarter	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total		
N W	2	1	0	0	1	1	4	3	5	3	4	4	7	8	10	9	14	19	21	20	13	9	7	1	166	Obs.	N W
S W	5	6	9	12	15	21	23	25	25	27	26	25	22	22	20	20	16	11	8	5	4	4	4	5	359	,,	S W
S E	19	20	18	16	12	7	4	2	0	0	0	0	1	0	0	0	0	0	0	2	10	11	12	2	157	,,	S E
N E	4	3	2	1	1	1	0	0	0	0	0	1	0	0	0	1	0	0	1	3	3	3	7	4	35	,,	N E

FORCE OF THE WIND. SEPTEMBER 1853.

	Noon.	1	2	3	4	5	6	7	8	9	10	11
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·15	0·12	0·02	0·00	0·00	0·00	0·00	0·00	0·02	0·10	0·10	0·05
2	·00	·02	·00	·00	·00	·02	·15	·10	·08	·07	·05	·13
*3	·00	·00	Board stopped.			·00	·00	·00	·00	·02	·30	·03
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
5	·18	·15	·00	·00	·00	·00	·00	·00	·00	·10	·07	·22
6	·30	·25	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
10	·00	·00	·00	·01	·02	·00	·00	·00	·00	·00	·00	·00
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
12	·00	·00	·00	·00	·00	·00	·00	·00	·01	·09	·05	·00
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
15	·02	·00	·00	·08	·00	·00	·00	·00	·00	·00	·00	·00
16	·00	·00	·00	·35	·00	·00	·00	·00	·00	·30	·00	·00
17	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
20	·00	·02	·30	·00	·00	·00	·00	·00	·00	·00	·30	·00
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
24	·00	·00	·00	·00	·28	·00	·00	·00	·00	·00	·00	·00
25	·65	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00
26	·25	·18	·00	·00	·00	·20	·18	·35	·08	·02	·03	·00
27	·00	·00	·20	·25	·42	·22	·20	·18	·00	·05	·00	·00
28	·02	·15	·00	·00	·00	·00	·05	·25	·15	·18	·17	·00
29	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·35	·28
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·90
Means.	.06	·03	·02	·02	·02	·02	·02	·03	·01	·02	·03	·05

	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·02	0·03	0·00	0·08	0·50	0·88	0·95	1·25	1·35	0·65	0·43	0·2	0·2
2	·15	·22	·20	·65	1·25	1·05	·85	0·95	0·50	·45	·00	·0	·29
*3	·00	·00	·00	·20	0·70	0·45	·30	·35	·28	·25	·18	·03	?
4	·00	·00	·00	·10	·13	·08	·05	·02	·01	·10	·00	·2	·03
5	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·35	·06
6	·00	·28	·12	·00	·00	·00	·00	·00	·00	·00	·00	·0	·04
7	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·0	·00
8	·05	·00	·00	·00	·02	·00	·00	·00	·00	·00	·18	·00	·01
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
10	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·0	·00
11	·00	·00	·00	·00	·00	·00	·03	·02	·00	·00	·00	·0	·03
12	·00	·00	·00	·30	·10	·03	·00	·00	·00	·00	·00	·00	·01
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·00	·0	·00
15	·00	·00	·00	·00	·03	·02	·00	·00	·01	·05	·80	·03	·01
16	·00	·00	·00	·00	·00	·00	·00	·00	·35	·32	·45	·6	·09
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·28	·35	·04
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·0	·01
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·0	·00
22	·00	·00	·00	·00	·10	·15	·00	·00	·00	·00	·00	·0	·01
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·0	·00
24	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·0	·01
25	·00	·00	·00	·00	·63	·72	·55	·10	·12	·08	·00	·0	·12
26	·00	·00	·00	·00	·65	·83	·78	·60	·35	·10	·25	·0	·20
27	·00	·05	·12	·45	·10	1·02	·65	·15	·08	·20	·63	·2	·25
28	·00	·00	·00	·00	·00	0·05	·00	·00	·00	·00	·00	·0	·04
29	.07	·26	·00	·03	·70	·50	·35	·35	·25	·30	·00	·0	·15
30	·00	·00	·00	·00	·02	·50	·38	·15	·00	·00	·00	·0	09
Means.	·01	·03	·02	·05	·18	·20	·16	·12	·10	.09	·11	·07	0·06

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of the 3rd are rejected from the hourly and daily Means.

DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. OCTOBER 1853.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	10	12	13	15	19	20	20	20	21	23	20	28	25	28	23	21	23	24	25	28	28	30	30	31	251	WSW
2	12	11	14	15	15	17	17	31	3	2	23	24	24	24	21	23	25	26	23	29	29	29	29	25	249	WSW
3	30	31	31	1	8	4	28	28	30	25	22	22	22	28	23	23	24	25	25	26	28	26	4	9	317	NW
4	12	18	14	15	18	18	18	17	19	20	21	22	22	23	21	21	23	23	23	22	21	21	21	21	218	SWbyS
5	19	18	19	19	19	19	19	19	20	20	20	21	23	23	23	23	22	22	23	21	21	21	18	13	225	SW
*6	13	13	18	16	18	18	16	17	17	17	15	19	17	17	13	21	24	28	23	4	7	8	8	9	?	?
7	9	9	11	10	10	10	10	10	10	10	10	21	21	21	20	19	12	11	8	7	8	0	8	6	128	SEbyE
8	8	7	7	7	7	7	8	8	8	8	8	8	31	31	31	2	3	8	8	8	9	8	9	8	73	ENE
9	7	8	8	8	8	8	9	9	9	8	31	31	31	31	29	29	0	3	5	8	8	10	9	7	89	ENE
10	8	10	10	10	10	10	10	10	10	11	19	19	21	21	21	21	21	21	8	10	9	10	10	10	150	SEbyS
11	9	9	9	9	9	9	11	11	11	20	20	20	20	20	20	23	20	23	28	10	10	10	10	10	185	SbyE
12	8	8	8	8	8	8	8	8	8	8	20	20	20	20	20	22	18	7	10	11	9	9	9	9	133	SE
13	7	7	7	8	8	8	8	8	8	8	8	8	8	24	24	21	23	18	4	8	7	7	7	7	115	SEbyE
14	8	7	8	7	7	8	8	8	8	8	8	28	28	26	28	23	30	1	8	8	5	8	8	4	38	NEbyN
15	4	4	4	4	4	4	4	4	4	4	4	30	29	29	29	4	0	31	3	4	5	5	5	3	30	NEbyN
16	13	12	11	11	19	14	13	18	13	13	17	18	18	3	8	7	8	12	18	15	15	14	14	14	143	SEbyS
17	8	8	6	7	7	7	7	7	7	30	30	30	30	30	27	29	0	3	5	6	5	6	8	6	85	NEbyE
*18	3	7	8	8	8	8	8	8	8	24	24	24	24	24	25	28	32	21	24	22	8	28	2	2	?	?
19	9	9	9	9	9	9	9	9	9	9	9	9	31	31	1	1	1	4	2	2	9	7	7	7	69	ENE
20	4	4	4	4	4	3	3	3	30	29	29	29	29	29	8	7	7	28	1	1	1	1	1	0	15	NbyE
21	1	1	0	0	0	0	0	0	29	31	0	31	0	0	31	31	0	3	0	3	8	0	2	2	6	NbyE
22	2	2	1	1	1	1	30	31	0	0	0	0	0	0	0	0	0	8	9	9	9	9	9	5	31	NEbyN
23	8	8	9	9	9	9	9	9	9	0	4	29	28	28	28	4	8	8	10	11	9	8	8	7	06	ENE
24	8	9	8	9	9	9	9	9	9	9	23	29	29	29	4	28	29	7	8	7	8	8	7	7	54	NEbyE
25	8	3	5	8	8	8	8	8	8	6	8	6	6	8	29	29	2	7	8	7	10	9	8	9	83	ENE
26	9	10	10	10	11	8	28	8	24	24	24	24	25	24	24	3	4	4	4	4	4	4	4	4	17	NNE
27	3	3	3	3	3	3	3	8	3	3	3	3	0	0	1	31	3	4	4	4	4	3	3	8	31	NEbyN
28	2	1	31	0	31	31	0	31	28	28	22	2	2	3	4	4	4	4	4	29	0	0	0	0	3	N
*29	3	3	8	3	3	3	8	3	8	8	8	9	2	1	1	0	31	2	3	5	7	8	28	B. S.	?	?
*30	B. S.	31	31	2	2	4	5	8	8	8	6	15	15	19	1	1	0	10	14	15	31	93	0	0	?	?
*31	4	2	3	3	5	5	0	0	0	0	31	23	29	0	3	—		Disorder.		—	—	—	—	—	?	?
Hourly Means. No. 1	° 33 NEbE	° 33 NEbE	° 35 NEbE	° 60 NEbE	° 65 ENE	° 88 NEbE	° 46 NE	° 33 NEbE	° 37 NEbN	° 18 NNE	° 4 N	° 352 NbW	° 336 NNW	° 337 NNW	° 348 NNW	° 358 N	° 17 NNE	° 35 NEbN	° 47 NE	° 50 NE	° 61 NEbE	° 54 NEbE	° 51 NEbE	° 64 ENE	° 34 NEbE	° 50 E
Hourly Means. No. 2	120 SEbS	123 SEbE	130 SE	135 SE	142 SEbS	147 SEbS	149 SEbS	155 SbE	173 SbE	198 SbW	200 SSW	226 SW	231 SWbW	235 SWbW	225 SW	228 SW	217 SWbS	210 SWbS	190 SbW	179 S	174 SbE	177 S	173 SbE	169 SbE	150 S	
No. of Observations, with the Wind in each Quarter. N W	1	2	8	0	1	1	3	4	3	7	7	13	14	14	11	8	5	8	6	4	4	8	3	3	130	Obs. N W
S W	1	2	2	8	4	5	5	4	4	5	11	9	9	9	10	11	8	5	2	3	8	2	8	1	120	„ S W
S E	13	18	14	14	14	12	13	13	13	9	5	4	3	1	1	0	4	3	9	10	10	11	9	10	211	„ S E
N E	13	14	12	14	12	13	10	10	9	10	8	8	8	7	9	11	12	13	13	13	14	12	15	16	272	„ N E

* The Observations of 6th 18th 29th 30th and 31st are rejected from the hourly and daily Means.

FORCE OF THE WIND. OCTOBER 1853.

Day	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·00	0·00	0·00	0·09	0·12	0·02	0·13	0·02	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·08	0·43	0·40	0·00	0·00	0·00	0.00	0.00	0·05
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·60	1·85	·95	·65	·10	·12	·10	·00	·18
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	40	·60	0·45	·58	·35	·18	20	·05	·00	·12
4	·00	·05	·00	·00	·00	·00	·00	·00	·00	·20	·00	·00	·00	·00	00	·23	·50	1·00	1·10	·95	1·20	1·12	·90	·70	·33
5	·30	·52	·38	·35	·28	·25	·30	·18	·10	·00	·00	·00	·00	·00	·00	·20	·35	0·70	0·70	·95	0·10	0·08	·00	·07	·21
6	·30	·33	·33	·20	·25	·28	·30	·23	·20	·18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·10	·08	·13
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·05	·00	·05	·00
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·03	·03	·03	·00	·01
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·08	·00
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·00	·00	·00
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·50	·52	·46	·45	·35	·10
15	·40	·30	·13	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·13	·08	·25	·30	·07
16	·35	·22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	·00	·03	·40	·55	·73	·82	·13
17	·28	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·00	·00	·01
18	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
19	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	03	·00
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·00	·00	·00	·70	·00	·00	·00	·00	·00	·03
21	·00	·00	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	00
24	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·15	·08	·00	·15	·02
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·30	·32	·50	·60	·62	·55	·55	·14
27	·65	·28	·22	·23	·18	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·13	·65	·62	·50	·48	·35	·28	·25	·22	·22
28	·03	·00	·10	·00	·00	·00	·25	1·95	·25	·00	·00	·00	·00	·00	·00	·00	·00	·15	·12	·35	·58	·00	·00	·00	·13
29	·00	·00	·00	·00	·00	·00	·00	0·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·03	·00	·30	·00	·00	·00	·01
30	·00	·00	·00	·03	·02	·02	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·35	·05	·00	·00	·02
31	·20	·00	·18	·00	·00	·00	·80	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·12	·18	·28	·32	·10	·48	·95	·11
Means.	0·08	·06	·04	·03	·02	·02	·05	·05	.02	·01	·00	·00	.00	·00	·00	·03	·09	·17	·18	·15	·14	·13	·13	.12	0·06

The force is given in pounds and decimals of a pound on one square foot. The entry .00 denotes calms or pressures too small to overcome the inertia of the Instrument.

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DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. NOVEMBER 1853.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
* 1	—	—	—	—	—	—	—	—	—	Disorder.		—	—	—	—	—	—	—	—	—	4	4	4	4	?	?
* 2	3	3	3	17	17	17	17	15	15	23	20	23	24	21	22	23	24	23	21	22	26	28	28	28	?	?
3	25	28	28	28	28	29	2	2	2	2	2	2	31	29	3	3	3	2	0	29	29	29	29	29	341	NNW
4	25	27	28	28	28	28	25	25	25	25	25	25	22	23	24	24	23	31	0	2	0	31	31	31	307	NWbyW
5	28	27	28	28	28	28	23	26	26	26	28	23	24	23	33	24	24	24	25	28	28	28	28	28	335	NNW
6	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	[illegible]	NbyE
7	30	29	24	28	25	33	25	30	30	27	23	24	24	24	24	24	25	24	25	3	3	3	4	4	311	NW
8	4	4	4	4	3	3	3	3	3	2	2	2	2	2	3	2	2	1	4	8	29	23	23	25	14	NbyE
* 9	24	23	23	—	—	—	—	Board stopped.			—	—	—	—	24	24	23	23	23	Board stopped.			25	26	?	?
10	8	7	7	8	12	12	13	12	12	12	12	12	12	11	11	11	11	11	11	5	6	7	3	7	111	ESE
11	29	30	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	1	3	31	31	0	31	356	N
12	29	27	28	28	0	0	0	0	0	0	0	0	0	0	0	31	31	30	30	30	30	30	30	31	345	NbyW
13	8	8	8	3	6	6	6	10	10	8	8	3	8	8	8	3	3	1	30	21	21	0	18	23	14	NbyE
14	20	25	25	23	25	20	30	20	30	20	20	20	20	20	20	23	23	24	27	31	30	0	0	31	269	W
15	0	2	2	2	2	2	2	2	2	2	2	31	31	31	31	31	23	26	26	28	26	28	26	25	345	NbyW
* 16	25	26	20	26	26	20	26	30	28	25	26	26	28	26	26	—	—	Instrument under repair.					—	—	?	?
* 17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	do.	—	do.	—	7	6	?	?
18	7	7	7	7	7	7	7	7	7	7	7	7	7	7	31	31	31	8	5	8	3	0	8	3	65	ENE
* 19	7	7	7	7	7	7	7	7	7	7	7	7	30	29	25	23	23	20	19	18	9	8	8	7	?	?
20	7	7	7	7	7	7	7	7	7	7	7	7	7	7	28	24	28	27	31	31	1	1	0	0	33	NEbyN
21	1	1	1	1	1	1	1	8	6	6	8	8	8	6	6	6	0	7	7	4	4	4	4	4	47	NE
22	3	3	3	3	3	3	3	3	2	2	2	0	0	0	0	0	31	31	3	4	3	3	3	3	22	NNE
23	2	2	2	2	2	2	2	2	2	2	2	2	2	30	30	30	30	0	2	4	4	3	4	4	15	NNE
24	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	29	4	4	4	3	2	4	4	4	22	NNE
25	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	31	31	4	4	3	2	3	4	4	22	NNE
26	2	2	2	2	2	2	2	2	2	31	31	31	31	31	31	31	2	1	2	3	1	2	1	2	12	NbyE
27	2	2	2	2	2	2	2	2	2	2	2	3	3	30	30	30	30	31	0	2	2	2	3	2	14	NbyE
28	2	2	2	2	2	2	2	4	4	4	4	31	31	31	31	31	31	1	4	4	4	4	4	4	23	NNE
29	2	2	2	2	2	3	3	3	2	3	3	3	3	3	2	31	31	0	4	4	4	4	4	4	33	NEbyN
30	3	2	2	2	4	4	5	3	2	5	3	3	5	4	4	1	26	8	6	2	4	4	4	4	44	NE
Hourly Means No. 1	37° NEbN	36° NEbN	38° NEbN	37° NEbN	32° NEbN	43° NE	42° NE	50° NE	42° NE	41° NE	39° NEbN	35° NEbN	35° NEbN	27° NNE	14° NbE	8° N	7° NbE	25° NNE	32° NEbN	31° NEbN	21° NNE	27° NNE	20° NNE	23° NNE	31° NEbN	N 4°
Hourly Means No. 2	313 NW	321 NWbN	318 NW	322 NWbN	328 NWbN	318 NW	323 NWbN	330 NWbN	330 NWbN	323 NWbW	314 NW	311 NW	304 NWbW	301 NWbW	311 NW	315 NW	302 NWbW	312 NW	323 NWbN	347 NbW	339 NNW	340 NNW	343 NNW	336 NNW	332 NWbN	
No. of Observations, with the Wind in each Quarter: N W	8	8	8	7	6	4	4	4	4	3	3	6	3	9	12	15	14	10	8	7	8	7	7	10	183	Obs. N W
S W	1	1	1	1	1	3	3	3	3	2	4	3	2	4	3	3	4	3	3	3	1	1	2	1	51	,, S W
S E	1	0	0	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	0	24	,, S E
N E	18	12	19	13	19	19	20	12	13	19	19	17	15	13	12	8	8	13	16	16	17	16	18	18	397	,, N E

* The Observations of 1st 2nd 9th 16th 17th and 19th are rejected from the hourly and daily Means.

FORCE OF THE WIND. NOVEMBER 1853.

Day	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·00	0·00	0·00	0·00	0·20	0·00	0·00	0·00	0·00	000	0·00	0·30	0·08	0·00	0·00	0·12	0·00	0·00	0·23	0·00	0·00	0·00	0·00	0·00	0·03
2	·00	·00	·10	·26	·25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	00	·00	·00	·00	·03
3	·02	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·02	·07	·00	·12	·45	·20	·08	·02	·12	·10	·83	·25	·30	·0
4	·15	·00	·00	·00	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·28	·22	·20	·40	·25	·06
5	·10	·00	·00	·00	·00	·00	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·18	·65	·70	·78	·50	·18	·13
6	·00	·00	·00	·00	·03	·18	·00	·00	·07	·00	·00	·20	·13	·00	·03	·03	·00	·00	·00	·00	·00	·20	·17	·13	·05
7	·35	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·25	·00	·00	00	·0	·03
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·00	·00	·00	·00	·00	·00	·00	·10	·15	·00	·00	·00	·00	·00	·02
* 9	·00	·00	·00	·00	—	—	—	—	Board stopped.			—	—	—	·00	·00	·00	·00	·00	Board stopped.			·00	·00	?
10	·08	·00	·00	·02	·08	·00	·00	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·30	·42	·40	·30	·28	·10	·05
11	·20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·32	·55	·23	·17	·25	·32	·09
12	·16	·02	·02	·03	·15	·00	·00	.00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02
13	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·00	·45	·00	·00	·02
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
* 16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	—	—	Instrument under repair.					—	—	?
* 17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	do.	—	do.	—	·00	·0	?
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·09	·18	·25	·27	·05	·03
22	·08	·00	·00	·00	·00	·00	·00	·00	·09	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·18	·08	·02	·00	·08
23	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	01	·02	·00	·00
24	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·30	·15	·12	·10	·05	·04
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·08	·02	·15	·10	·27	·18	·04
26	·15	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·08	·05	25	·37	·45	·35	·42	·40	·11
27	·20	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·55	·32	·70	·35	·30	·11
28	·25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·17	·28	·32	·25	·20	·15	·07
29	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·05	·10	·02	·02	·02
30	.02	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	·00.	·00	·00	·01	·03	·05	·05	·00	·00	·00	·01
31																									
Means.	·07	·01	·01	·01	·03	·01	·00	·01	·00	·01	·00	·01	·01	·00	·01	·02	·01	·02	·08	·16	·14	·16	·13	·09	0·04

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of 9th 16th and 17th are rejected from the hourly and daily Means.

DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. DECEMBER 1853.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	4	4	4	4	4	4	4	4	4	4	4	4	4	31	31	31	4	4	4	4	3	3	3	3	36	NEbyN
2	3	2	4	4	4	4	4	4	4	4	4	4	0	31	20	31	31	31	3	3	3	2	3	3	37	NNE
3	2	2	2	3	2	2	2	1	1	31	30	30	30	30	30	31	31	1	1	1	1	1	1	1	5	N
4	0	0	21	0	1	0	0	1	1	1	1	0	0	31	30	30	20	30	31	1	1	1	1	1	0	N
5	0	0	31	31	0	0	0	0	0	0	28	28	33	28	29	29	29	29	39	31	0	0	31	31	343	NNW
6	0	31	30	30	0	0	0	0	0	31	31	31	30	29	29	29	30	30	30	31	0	0	0	0	348	NbyW
7	0	0	0	0	0	0	0	0	0	0	0	22	39	29	29	30	30	30	30	0	0	1	1	1	352	NbyW
8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	31	21	31	2	2	2	3	3	2	2	6	NbyE
9	2	2	2	2	2	3	3	2	2	2	3	3	0	0	0	0	31	3	3	3	3	1	1	1	18	NNE
10	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	0	0	4	4	4	4	4	3	3	25	NNE
11	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	2	3	5	5	4	4	4	4	42	NE
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	31	31	5	5	5	4	4	4	26	NNE
*13	2	2	2	2	2	3	2	3	2	23	28	28	28	28	28	25	23	31	4	4	3	Board stopped.			?	?
14	0	1	1	1	1	1	1	2	3	3	3	2	2	2	2	3	30	0	3	3	4	3	3	2	13	NNE
15	2	2	3	2	2	2	2	29	20	29	20	20	29	29	29	27	27	29	1	1	1	2	2	2	358	NbyW
16	1	1	1	1	1	1	1	3	2	2	2	2	0	31	31	30	30	4	3	2	2	2	2	3	14	NbyE
*17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	30	30	1	2	2	Board stopped.				?	?
18	2	2	1	1	1	1	1	1	1	1	1	1	1	1	0	30	30	4	4	4	4	4	4	3	18	NNE
19	2	3	3	3	3	3	3	3	3	3	3	30	30	30	30	29	28	23		3	3	3	3	3	15	NbyE
20	3	2	2	2	2	4	4	4	4	4	4	27	27	27	27	27	28	31	3	3	4	4	3	3	11	NbyE
21	2	1	1	1	1	1	1	1	1	1	1	1	30	30	30	30	30	31	4	2	4	4	3	3	11	NbyE
22	1	1	1	1	1	1	3	2	0	0	0	0	0	0	0	30	30	2	2	2	2	2	1	1	9	NbyE
23	3	3	1	0	0	31	31	31	31	30	31	31	31	30	31	31	31	31	0	1	1	0	1	1	357	N
24	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	29	0	3	3	3	3	3	2	8	NbyE
25	1	0	0	0	0	0	0	0	0	30	30	30	30	30	30	30	50	3	1	1	2	2	2	2	352	N
26	2	2	2	2	2	2	2	2	2	3	3	2	3	3	3	4	2	2	3	3	3	4	4	4	29	NEbyN
27	2	2	2	1	1	1	2	1	0	3	2	3	2	2	2	3	4	3	3	3	3	3	3	3	24	NNE
28	1	1	1	0	0	0	0	0	30	30	30	30	30	30	30	31	31	21	0	0	0	2	1	1	355	N
29	1	1	0	0	0	0	0	0	31	30	30	30	30	20	30	30	0	1	0	0	1	2	1	1	357	N
30	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	31	0	3	2	2	2	3	2	2	14	NbyE
31	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	31	39	31	2	0	0	1	2	2	3	N
Hourly Means.	17° NNE	15° NbE	13° NbE	13° NbE	15° NbE	15° NbE	16° NbE	14° NbE	12° NbE	10° NbE	7° NbE	1° N	357° N	352° NbW	351° NbW	348° NbW	348° NbW	8° NbE	32° NNE	23° NNE	22° NNE	26° NNE	24° NNE	23° NNE	10°	NbyE
No. of Observations, with the Wind in each Quarter: N W	0	1	3	2	0	1	1	2	4	8	9	13	13	17	18	23	24	14	4	3	0	0	1	1	160	Obs. N W
S W	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	„ S W
S E	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	„ S E
N E	31	30	28	29	31	30	30	29	27	23	22	19	18	14	13	8	7	17	27	29	30	29	30	28	577	„ N E

* The Observations of the 13th and 17th are rejected from the hourly and daily Means.

FORCE OF THE WIND. DECEMBER 1853.

Day	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·03	0·34	0·28	0·48	0·41	0·35	0·37	0·35	0·11
2	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·50	·60	1·12	·85	·80	·72	·19
3	·85	·23	·01	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	1·15	1·25	·90	0·55	1·55	1·20	·80	·33
4	·10	·25	·03	·15	·20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	0·30	0·45	1·75	1·85	1·52	1·45	1·12	·41
5	·88	·33	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·25	·30	0·55	1·10	1·13	0·05	0·75	·28
6	·85	·35	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·35	1·05	0·80	·63	·75	·20
7	·25	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·23	·18	0·60	·65	·53	·75	·14
8	·30	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·35	·42	·33	·40	·30	·32	·25	·12
9	·12	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·13	·12	·17	·13	·15	·08	·04
10	12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·00	·03	·05	·02	·01
11	·00	00	·00	·00	·00	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·00	·00	·00
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
*13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	Board stopped.			?
14	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·00	·00
15	00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·00	·07	·08	·07	·03	·01
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·02	·03	·01	·02	·01
*17	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·13	·45	Board stopped.				?
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·12	·10	·08	07	·02	·03
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·08	·03	·01
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·08	·00	·00	·30	·01
21	00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·10	·10	·05	·08	·10	·02
22	00	00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·45	·30	·22	·15	·10	·12	·06
23	·18	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·52	·15	1·12	1·25	1·20	1·45	·25
24	·00	·25	·05	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·06	·13	0·27	0·30	0·29	0·15	·11
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·00	·00	·20	·05	·56	·45	·10
26	·70	·05	·02	·03	·04	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·03	·20	·23	·40	·30	·10	·18	·10
27	·60	·03	·00	·00	·00	·00	·00	·00	00	·02	·00	·00	·00	·00	·00	·00	·25	·20	·25	·30	·30	·42	·35	·28	·13
28	·30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·25	·20	·15	·12	·10	·20	·06
29	·15	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·25	·25	·23	·35	·22	·10	07
30	·15	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·07	·03	·03	·00	·00	·02
31	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·02	·00	·00
Means.	·23	·07	·01	·01	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.02	·10	·21	·26	·38	·39	·34	·30	0·10

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of 13th and 17th are rejected from the hourly and daily Means.

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DEPTH OF RAIN AND EVAPORATION IN INCHES.

FALL OF RAIN FOR 1853.

	January.		February.		March		April.		May.		June.		July.		August.		September.		October.		November.		December.	
	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day
	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch	Inch	Inch.	Inch.	Inch.	Inch.
1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·215	1·360	—	—
2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·070	—	—	—	—	—	·065	1·150	—	—
3	—	0·061	—	—	—	—	—	—	—	—	—	—	—	0·126	—	—	—	—	—	0·060	·365	0·580	—	—
4	0·006	—	—	—	—	—	—	—	—	—	—	—	0·060	1·662	—	—	—	—	0·050	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	—	—	—	·088	1·281	—	—	0·010	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	0·772	—	—	—	—	—	—	—	—	—	0·060	—	—	·700	1·210	—	—
7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2·060	—	—
8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·035	—	·345	—	—	·240	1·400	—	—
9	—	—	—	—	—	—	—	—	—	—	—	—	—	0·008	—	—	·030	—	—	—	·765	0·500	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	·303	—	·045	·220	—	—	—	—	·146	—	—	—
11	—	·024	—	—	—	—	—	—	—	—	—	—	—	—	·030	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·465	·162	—	—
13	—	—	—	—	—	—	—	—	—	—	—	—	—	·042	—	—	—	—	—	—	—	·500	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—	—	·003	—	·020	—	—	—	—	—	—	—	—
15	·038	—	—	—	—	—	—	—	—	—	0·053	—	·045	·015	—	·852	—	·220	—	·210	—	—	—	—
16	—	—	—	—	—	—	—	—	—	—	·020	—	—	—	·045	—	—	—	·250	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	—	—	0·160	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	—	·015	—	—	—	—	—	—	—	—	2·320	—	—	—	—
19	·025	·286	—	—	—	—	—	—	—	—	—	—	—	—	·010	—	—	·375	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·018	0·210	—	—	—	—
21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·530	1·000	·110	—	—	—
22	—	·012	—	—	—	—	—	—	—	—	·164	·014	·235	—	—	—	—	—	—	—	—	—	—	—
23	·088	·087	—	—	—	—	—	—	—	—	·010	—	—	—	—	—	—	—	·035	0·170	—	—	—	—
24	—	·038	—	—	—	—	—	—	—	—	—	—	—	·098	—	—	—	—	·470	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	—	—	·156	—	—	—	—	—	—	·074	—	—	—	—
26	—	—	—	—	0·375	1·225	—	—	—	—	—	—	—	—	—	·050	·010	—	—	—	—	—	—	—
27	·013	·392	—	—	·036	0·165	—	—	—	—	—	—	—	—	—	—	—	·236	—	—	—	—	—	—
28	·820	·378	—	—	—	0·107	—	—	—	—	—	—	—	—	—	—	—	—	·350	·062	—	—	—	—
29	010	—	—	—	·025	—	—	—	—	—	·132	·050	—	—	—	—	—	—	·190	1·070	—	—	—	—
30	—	—	—	—	—	1·431	—	—	—	—	·004	—	—	—	—	—	·043	—	·760	0·122	—	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—	·010	—	—	—	—	—	·980	·110	—	—	—	—
Sums.	1·000	1·248	—	—	0·436	2·931	—	0·772	—	—	0·398	0·224	0·897	3·238	0·200	1·177	0·093	2·136	3·663	5·40[illegible]	3·071	8·922	—	—

EVAPORATION FOR 1853.

	January.		February.		March		April.		May.		June.		July.		August.		September.		October.		November.		December.	
	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day
	Inch.	Inch.	Inch.	Inch.	Inch.	Inch	Inch.	Inch	Inch.	Inch.	Inch.	Inch.	Inch	Inch	Inch.	Inch	Inch	Inch	Inch.	Inch.	Inch.	Inch	Inch.	Inch.
1	0·006	0·180	0·010	0·242	0·006	0·284	0·018	0·290	0·018	0·334	0·056	0·394	0·072	0·365	0·052	0·380	0·090	0·414	0·053	0·270	covd.	covd	0·021	0·263
2	·017	·174	·005	·205	·002	·274	014	·302	·015	·328	·054	·534	052	·440	·044	·385	·099	·464	·012	·374	do	do.	·024	·234
3	·011	·156	·010	·231	·009	309	013	·302	·015	·328	·106	·514	·099	·409	·054	·380	·080	·390	·037	·360	dn.	do.	·018	·229
4	·015	·220	·010	·235	·004	·294	·020	·320	·016	·333	148	·564	·031	·175	040	·320	·064	·405	·032	·314	0·022	0·100	·028	230
5	·015	·243	·009	·246	·010	·266	·025	·332	·020	·350	·158	·526	·028	·165	·034	·302	·044	·361	·065	310	·026	·090	·023	·200
6	·008	·228	·015	·253	·014	·266	·023	·114	·019	·355	·091	·486	·037	·225	·055	·279	·034	000	·038	·339	·020	covd.	·019	·225
7	·018	·235	·007	·243	·015	·279	015	·274	·010	·339	·108	·494	·057	·333	·034	·330	·036	·274	·035	·345	·014	do.	·017	·215
8	·010	·297	·006	·253	·010	·294	·013	·279	·014	·330	·067	487	·072	·221	·044	·287	·012	·183	·014	·309	·032	do.	020	·225
9	·011	·235	·016	·251	·009	·274	·014	·289	·019	·353	·054	·457	·082	·182	034	·240	·042	·234	·037	·248	covd.	·020	·025	·217
10	·006	·219	·012	·273	·008	·284	·013	·097	·022	·346	·104	·334	040	·315	·034	·095	·050	·278	026	·235	do.	·192	·014	·220
11	·005	·106	·027	·245	·006	·313	·013	·296	·031	·408	·057	·237	·105	·346	·044	·162	·026	·274	·027	·281	·014	·174	·018	·236
12	·008	·220	·014	·275	·013	·327	·015	·290	·069	·423	·076	·410	·153	·314	·014	·350	·054	·364	·027	·310	covd.	·076	·022	·225
13	·005	·197	·007	·263	·014	·353	·012	·314	·052	·415	·074	·440	·110	·314	·040	·155	·041	·304	·028	·360	·008	·025	·021	·210
14	004	·190	004	·254	·006	·310	015	·314	·054	·410	·040	·342	·127	·264	·030	226	·029	304	·022	·320	·016	·207	·021	·155
15	018	·192	·005	·253	·008	·264	·013	·310	·074	·400	·058	·100	·110	·276	035	318	·042	304	·020	·180	016	·242	·024	·240
16	·021	·216	·004	248	007	·284	·008	·320	076	·403	·042	·224	·124	·346	·014	280	·019	·324	·030	·291	·010	·200	·026	·245
17	·018	·221	·005	·250	·011	·284	·012	·307	·060	·425	·034	·334	·150	·434	·024	·242	·037	·319	·032	·274	·020	·215	·015	·238
18	·024	·173	·007	·260	·011	·274	·010	·321	·052	·415	·030	·580	·147	·406	020	·290	·028	·254	·027	·100	·006	·220	·020	·215
19	·023	·022	·010	276	·008	·284	·017	·314	·053	·445	·096	·405	·137	·376	·025	·288	·022	·182	·009	·135	·011	·226	017	·220
20	·026	·218	·006	·230	·013	·304	·010	·320	·040	·433	·089	·450	·162	·407	·026	·300	019	·269	·010	·007	006	·175	·015	·225
21	·003	·202	·004	·270	·018	·304	·014	·320	·052	·389	·077	·400	·125	·394	·045	·225	029	·138	covd.	·000	020	·180	017	·223
22	·005	·226	·003	·253	015	·284	·018	·330	·033	·313	·035	414	·057	359	·052	·240	·018	·224	·004	·300	·020	·172	·022	·225
23	·005	·197	·004	·270	·020	·333	·016	·345	·038	·380	·092	·391	170	·315	·064	·280	·022	·234	·020	·144	·009	·207	·024	·253
24	·018	·084	·004	·263	·010	·294	·015	341	047	·390	·076	·376	082	·362	040	·170	·035	·274	·010	·252	·012	·216	026	·235
25	·010	·230	·012	·288	·020	·233	·018	·350	·062	·433	·100	·445	·040	·334	·044	·310	·044	·334	·012	·198	014	·220	·022	·240
26	·011	·216	·013	·320	·032	r—	·022	·285	·054	·417	·127	·434	·030	·378	050	·304	·028	·384	·018	·268	·014	·238	·029	·265
27	·022	·034	·020	·263	·014	·047	·024	·225	·070	·458	·109	·463	·042	·346	026	·460	·052	·304	·027	·234	·022	·246	032	·225
28	·008	·048	·018	·294	·028	·211	022	·339	064	·370	·076	·450	·057	·339	052	·280	·030	·300	·020	·059	·022	·232	025	·233
29	·010	·240			·024	·266	·023	·355	065	·387	·042	·344	·040	360	·062	·341	·044	·374	covd.	covd	·014	·221	020	·231
30	·020	·228			·023	·148	·020	·330	·052	·380	·052	·312	·040	·434	·062	·410	·029	·326	—	008	·019	·240	·025	·213
31	·010	·230			·015	·294			·060	·414			·050	·357	·086	·410			—	·121			·060	·215
Means.	·012	·190	·010	·257	·013	·276	·016	·298	·012	·384	·078	·406	·086	·33[illegible]	·041	·293	·040	·294	·020	·232	·016	·181	·021	·22[illegible]

TOTAL RAIN IN EACH MONTH.

1853.	Night.	Day.	Total.
	Inches.	Inches.	Inches.
January, ...	1·000	1·245	2·245
February,...	—	—	—
March,...	0·436	2·931	3·367
April, ...	—	0·772	0·772
May, ...	—	—	—
June, ...	0·398	0·224	0·622
July, ...	0·897	3·238	4·135
August, ...	0·200	1·177	1·377
September, ...	0·093	2·136	2·229
October, ...	3·663	5·408	9·071
November, ...	3·071	8·922	11·993
December, ...	—	—	—
Total......	9·758	26·056	35·814

MEAN DAILY EVAPORATION IN EACH MONTH.

1853.	Night.	Day.	Total.
	Inches.	Inches.	Inches.
January, ...	0·012	0·190	0·202
February, ...	·010	·257	·267
March,...	·013	·276	·289
April, ...	·016	·298	·314
May, ...	·012	·384	·396
June, ...	·078	·408	·486
July, ...	·086	·332	418
August, ...	·041	·292	·333
September, ...	·040	·294	·334
October, ...	·026	·232	·258
November, ...	·016	·181	·107
December,... ...	·021	·228	·249
Means......	·031	·281	·313

r.—Rain.

REMARKS ON THE WEATHER FOR THE MONTH OF JANUARY 1853.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	clear, ...	0	clear, ...	0	clear, ...	0	clear, ...	0	clear, D, ...	0	... ...	...
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz, ...	7
3	cu, cr-hz, ...	7	cu, cr-st, hz, ...	4	cu-st, lt-hz, ...	1	cu-st, hz, ...	1	cu, cr-hz, ...	3	do.	3
4	cu, cu-st, cr-hz, nim,	6	cu, cr-st, hz, ..	4	hy-cu, nim, ...	7	cu, hz, ...	8	slear, ...	0	cu, nim, lt-R, ...	5
5	fl-cu, su-st, nim, ...	4	cu, cr-st, ...	1	ny-clear, ...	0	cu, cr-cu, cr-hz, ..	3	cu, hz, ...	6	cu-hz, ...	1
6	cu, cr-st, ...	1	ny-clear, ...	0	do. ...	0	slear, ...	0	do.	3	do. ...	2
7	sc-cu, cu-st, cr-hz, ...	4	cu, cr-hz, ...	2	fl-cu, nim, ...	4	fl-cu, ...	2	do. ...	2	do.	2
8	cu, cu-st, cr-hz, nim,	4	fl-cu, cr-st, hz,	2	fl-cu, hz, ...	2	fl-cu, hz, ...	4	do.	6	... ...	...
9	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu-hor, D, ...	1
10	cr-cu, cr-st, d-cr-hz,	5	cu, cr-st, d-hz,	4	cr-st, hz, ...	3	cr-st, hz, ...	2	clear, ...	0	clear, D, ...	0
1	sc-cu, su-st-hor, ...	1	ny-clear, ...	0	slear, ...	0	ny-clear, ...	0	do. ...	0	cu-hor, D, ...	1
2	cu, cr-cu, ...	5	cu, cr-hz-hor,	1	fl-cu, ...	2	cu, hz, ...	2	cu, ...	1	cu, hz, D, ...	3
3	sc-cu, ...	1	ny-clear, ...	0	ny-clear, ...	0	fl-cu, ...	1	sc-su, ...	2	cu, ...	1
4	cr-cu, cr-st, cr-hz,	4	cr, cr-st, ...	1	sr, cr-st, hz, ...	1	clear, ...	0	ny-clear, ...	0	ny-clear, ...	0
5	cu, cr, cr-hz, ...	2	sr, cr-st, hz, . .	2	cu, cu-st. cr-st, hz,	3	cu, cu-st, cr-st, hz, ...	4	ny-ovt, . .	7	... ...	...
6	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	su-hor, ...	2
7	cu, cr-hz, ...	3	cu, cr-st, hz, ..	3	cu, cr-st, sr, d-hz, h-)	4	cu, cr-st, d-hz, ...	5	cu, cr, cr-hz, ...	6	cu, d-hz, ...	4
8	su, cu-st, cr-hz,	4	cu, cr-st, hz, ...	3	cu, cu-st, cr-st, hz, ...	3	ny-ovt, ...	7	fl-cu, hz, ...	2	sc-cu, ...	1
9	cu, cr-cu, cr-hz, ...	4	cu, cr-st, hz, ...	2	fl-cu, hz, ...	2	fl-cu, sr-st, hz, ...	3	do. lt-R, ...	2	clear, ...	0
20	cu, cu-st, cr-hz, nim,	6	cu, su-st, cr-hz, nim,	5	hy-cu, cu-st, hz, ...	5	fl-cu, cr-st, hz,	4	cr, cr-hz, ...	1	cu, cr, cr-hz, ...	2
1	sc-su, cr-cu, ...	3	fl-cu, cr-hz, ...	2	slear, ...	0	fl-cu, cr, ...	2	slear, D, ...	0	clear, D, ...	0
2	sc-cu, cr-hz, ...	2	fl-cu, cr-st, hz,	4	cu, cr-cu, d-hz, ...	5	cu, cr-cu, cr-st, cr,	3	cu, cr, cr-hz, ...	2	... ...	...
3	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz, nim, ...	6
4	cu, cu-st, nr-cu,	3	cu, cu-st, cr-cu, cr-st, hz,	5	ovt, ...	8	ovt, ...	8	cu, cr, cr-hz, nim, ...	8	cu, cr-hz, cr-cu,	8
5	cu, cu st, cr-cu, cr hz, nim	5	cu, cu-st, cr-st, hz, ..	2	cu-st, cr-st, hz,	2	sc, cu-st, hz, ..	2	ovt, ...	8	fl-cu, hz, ...	7
6	sc-cu, cu st, cr-hz, ...	3	su, cu-st, cr-hz,	2	cu-st, cu, hz, ...	2	fl-cu, cr-st, hz,	2	cu, cu-st, ...	3	cu-hz, ...	5
7	cu, cr-su, cr-hz,	2	cu-st, cr-st, hz, ...	2	cu-st, cr-st, hz,	2	do.	3	cu-hz, ..	3	fl-cu, lt-R, ...	4
8	cu, cu-st, cr-hz, nim,	6	cu, cu-st, cr-st, hz,	2	cu, hz, ...	1	fl-cu, cu-st, nim,	5	cu-nim, ...	7	ovt, lt-R, ...	6
9	ovt, ...	8	hy-cu, cu st, cr-hz, ...	5	ny-ovt, lg-SW, SE,	7	ovt, ...	8	sr, cu, hz, ...	6	... ...	...
30	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ny-clear, ...	0
1	hy-cu, cu-st, cr-hz, nim	5	cu, cr st, cr-hz, ...	2	cu, hz, D, ...	2	su, hz, D. ...	1	cu, cr-hz, ...	3	su-hz, ...	2

REMARKS ON THE WEATHER FOR THE MONTH OF FEBRUARY 1853.

Date.	Noon	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	sc-cu, hz, ...	2	sc-cu, hz, ...	2	cu-hor, ...	0	fl-cu, hz, D,... ...	2	cu, cr-st, cr hz, ..	2	cu, cu-st, sr-hz, ...	2
2	cr-st, cr-hz, cu,	2	ny-clear,... ...	0	ny-clear,... ...	0	ny-clear, ...	0	cu, cu-st, cr-hz,	2	do.	2
3	cu, cr, hz, ...	1	do.	0	do.	0	cr-st, cr-hz, ...	1	cu, cr-st, cr-hz, ..	2	cu, cr, cr-hz, D, ...	2
4	cu, sr-hz, cr-st-hor,...	1	do.	0	do.	0	ny-clear,... ...	0	cu, cu-st, cr-st, D,	2	cu, cr-st, cr-hz, D,	2
5	cr-hz, cr, sr-st,	5	cr, cr-st, sr-hz, ..	2	do.	0	clear, ...	0	slear, D,... ...	0	... ...	...
6	... ...	...	... ...	...	... ...	...	. ... ..	...	... ...	...	sr, cr-hz, D, ...	1
7	sr-hz, cr-st, ...	2	cr-hz, cr-st, ...	2	cr-hz, cr-st, ...	1	sr-hz, cr-st, D, ...	2	cr, cr-hz, D,... ...	1	cu, cr, cr-hz, D, ..	2
8	cu, hz, ...	1	ny-clear,... ...	0	ny-clear,... ...	0	clear, D,... ...	0	ny-clear, D, ...	0	cr-st, cr-hz, ...	1
9	fl-cu, hz, ...	1	fl-cu, hz, ...	2	fl-cu,...	1	fl-cu,...	1	cu, cr-hz, ...	1	clear, D.... ...	0
10	cu, hz, ...	2	cu, hz, ...	2	do.	1	do.	1	cu, ct, cr-hz, ...	2	cu, cr-hz, D,... ...	2
1	ny-clear, ...	0	fl-cu, ...	1	do.	1	fl-cu, hz, ...	3	cr-cu, cr-st, D, ...	1	cu, cr-st, hz, D,...	2
2	do.	0	cr-st, fl-cu, ...	1	cu, ...	1	cu, ...	1	cu, sr-hz, D, ...	2	... ...	...
3	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	clear, D.... ...	0
4	clear, ...	0	slear, ...	0	clear, ...	0	clear, D,... ...	0	cr-st, cr-hz, D, ...	1	do. D, ...	0
5	do. ...	0	do.	0	do. D, ...	0	do. D, ...	0	ny-clear, D, ...	0	cr-st, cr-hz, D, ...	1
6	do.	0	do.	0	do. D, ...	0	do. D,... ...	0	cr-st, cr-hz, D, ...	1	ny-clear, D, ...	0
7	do. ...	0	do.	0	do.	0	do. D, ...	0	ny-clear, D, ...	0	cr-st, cr-hr, D, ...	1
8	cr-st, cr-hz, ...	1	cr-st, cr-hz, ...	1	cr-st, cr-hz, D, ...	1	cr, cr-st, d-hz, D,	3	cr-cu, cr-st, cr-hz, D,	3	cu, cr-st, sz hz, ...	2
9	ny-clear, ...	0	clear,...	0	clear, ...	0	clear, D, ...	0	clear, D, ...	0	... ...	...
20	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	clear, fg, ...	0
1	clear, ...	0	do.	0	do.	0	cr cr-st, hz, D, ...	2	cu, D, ...	1	cu, sr-st, D, ...	1
2	cr-st, hz, ...	1	cy-clear,... ...	0	do.	0	clear, D, ...	0	clear, D,... ...	0	clear, D, ...	0
3	do. ...	1	do.	0	do. D, ...	0	do. D,... ...	0	do. D, ...	0	do. ...	0
4	clear, ...	0	do.	0	do. D, ...	0	do. D, ...	0	do. D,... ...	0	do. D, ...	0
5	ny-clear, ...	0	do.	0	ny-clear,... ...	0	fl cu, ...	1	sc-cu, cr-st, ...	2	sc-cu, ...	2
6	sc-cu, hz, ...	1	sc-cu, hz, ...	1	cu, ...	1	sz, ...	1	cu, ...	1	... .	...
7	... ...	...	... ...	...	... ...	...	... ...	...	... .	...	fl-cu, ...	3
8	cr-hz, cr-st, cr-cu, ..	3	cr-hz, cr-st, cr-cu,	3	cr-st, cr-hz, ...	2	cu, cr-st, hz, ...	2	sr st, cr-hz, cu,...	3	cr-st, cr-hz, cu, ...	4

EXPLANATIONS OF SYMBOLS USED IN THE ABOVE TABLE.

ard ... around
cld ... clouds or cloudy
cr or cir ... cirri or cirrio or cirrous
cu ... cumuli or cumulo
D ... Dew
d ... dense
dis ... distant
dt ... detached
E ... East
fg ... fog
fk ... forked
fl ... flying
fr ... frequent
g ... ground
hy ... heavy
hl ... halo
hor ... horizon
hz ... haze or hazy
ld ... loud
lg ... lightning
lt ... light
mt ... meteor
N ... North
nim ... nimbi
ny ... nearly
ovd ... overhead
ovt ... overcast
ps ... peals
pt ... part or partly or partial
R ... Rain
r b ... rain bow
S ... South
sc ... scattered
sh ... sheet
st ... stratus
th ... thunder
thi ... thick
v ... very
viv ... vivid
W ... West

REMARKS ON THE WEATHER FOR THE MONTH OF JANUARY 1853.

Date.	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Thermometers. Radiation.		Air.	
													Sol.	Ter.	Max.	Min.
1	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	130·5	85·1	86·8	71·2
2	cu, cu-st, cr-st-cr-hz	7	cu, cr cu, cr-hz, nim	7	ovt, ...	8	cu, cr-hz, ...	7	cu, cr-hz, ...	5	cu, cr-hz, ...	4	127·5	71·7	84·0	76·7
3	cu, cu-st, cr hz,	6	sc-cu, cr-hz.	2	cu, cu-st, nim, ...	8	cu, cu-st, cr-hz, nim,	7	cu, cu-st, cr hz, nim,	6	cu, cu-st, cr-hz, nim,	6	116·3	71·1	83·7	75·4
4	cu, nim, cr-hz, ...	7	cu, hz,	3	cu, hz, ...	1	cu, cr-hr, nim,	4	cu, cu-st, ...	3	cu, cu-st, nim,	4	123·7	misd.	84·0	75·7
5	clear, ...	0	do. ...	1	do. ...	2	sc-cu, ...	2	sc-cu, cu-st, ...	3	sc-cu, cu-st. ...	2	139·3	66·9	82·6	73·9
6	do. D, ...	0	cu, cu-st,	2	cu, cr-hz-hor, ...	2	cu, cu-st, cr-hz, ...	4	cu, cu-st, cr-hz, ...	3	sc-cu, cu-st, cr-hz,	4	124·3	83·9	82·6	71·7
7	cu, hz, ...	2	cu, cr-hr, cr-st,	5	cu, cr-cu, ...	3	cu, cr-hz, cr-st	3	sc-cu, cr-st, cr-hz,	4	sc-cu, cr-st, cr-hz,	4	134·5	misd.	82·3	79·4
8	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	140·9	61·8	82·7	70·5
9	cu, cu-st, nim, ...	3	cu, cr-hr, cr-st,	3	cr-cu, cr-hz,	3	cu, cu-st, cr-hz,	4	sc-cu, cr-hz, ...	3	sc-cu, cr-hz, ...	4	135·5	61·4	83·2	71·3
10	ny-clear, D,	0	cr-cu, cr-hz, ...	3	do. ...	5	fl-cu, ...	2	sc-cu, cu-st,	2	sc-cu, cu-st-hor, ...	1	125·9	56·5	82·0	69·4
11	cu-hor, D, ...	1	cu, hz, ...	3	cu, cu-st, hz,	3	fl-cu, hr, ...	5	cu, nim, lt-R, ...	7	cu, cu-st, nim,	7	123·5	62·1	82·0	71·5
12	cu, hz, ...	6	cu, cr cu, cu st, cr hz	4	cu, cu-st, cr hz,	4	cu, cu-st, cr-cu,	4	cu, cu-st, cr-cu, ...	5	sc-cu-hor, ...	2	133·9	64·4	82·7	73·3
13	clear, ...	0	cr, cr-st, ...	1	cr, cr-st, cr-hr, ...	3	cu, cr-st, cr-hz,	3	cu, cu-st. cr-hr,	4	sc-cu, cr st, cr-hz,	4	136·3	61·9	83·6	71·1
14	cr, cr-hz, ...	1	cu, cu-st, cr-hr,	2	cu, cr-hz. ...	2	fl-cu, cu-st, cr-hz,	4	fl-cu, cu-st, cr-hz, ...	3	cu, cu-st, hz, ...	3	132·0	62·7	83·9	71·8
15	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	121·5	70·4	83·8	75·4
16	cu-hor, ...	1	do. ...	6	do. ...	3	cu, cr-hz, ...	4	sc-cu, cu-st, cr-hz,	4	sc-cu, cu-st, cr-hz,	4	126·8	68·4	84·5	75·2
17	cu, cr-hz, ...	3	cu, cr, cr-hz, ...	4	cu, cr, cr-hz, ...	2	cu, cu-st, ...	2	cu, cr-hz, ...	3	cu, cu-st, cr-hz, ...	5	129·0	69·4	84·1	76·0
18	sc-cu, ...	3	cu, cr-hz, nim,	4	cu, cr-cu hr, ...	6	cu, cr-hz, nim.	8	cu, cu-st. cr-hr, nim	7	cu, cu st, cr-hz, nim,	5	115·9	70·6	84·5	76·8
19	ny-ovt, lt-R, ..	7	cu, nim, lt-R, ...	6	ny-ovt, nim, R, ..	8	cu, cu-st, nim, lt-R,	6	hy-cu, cu-st, R, ...	7	cu, cu st, cr-hz, ...	4	115·7	68·7	83·8	75·1
20	cu, hz, ...	1	cr-hz, cu, ...	2	cu. hz, ...	2	cu, cu-st, cr-cu, ...	4	sc-cu, cu-st, nim,	[illegible]	hy-cu, cu-st, cr-hz,	4	124·8	67·8	83·5	75·5
21	do. D, ...	1	do.-hor, D, ..	1	do. ..	1	cu, cu-st, nim,	2	cu, cu-st, nim, ...	[illegible]	cu, cu-st-hor, ...	2	134·8	64·4	83·6	72·9
22	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	130·5	62·4	84·8	76·4
23	cu, cr-hz, nim, ...	7	ovt, lt R, ...	8	ovt, ...	8	cr-cu, cr-hz, ...	2	cu, cu-st, cr-hz, ...	3	cu, cu-st, cr-hz, ...	3	126·9	70·9	85·1	76·7
24	cu, cr-hr, cr-cu,	8	cu, cr-hz, nim,	7	cu, cr, cr-hz, ...	6	cu, cr-hz, nim, ...	7	ovt, ...	[illegible]	ovt, ...	8	92·7	73·9	83·6	77·0
25	cu, cr-hz, nim, ...	7	cu, cr-cu, cr-hz,	7	cu, hz, ...	2	cu, cr-hz, ...	2	hy-cu, cr-hz, cu-st,	[illegible]	hy-cu, cu-st, cr-hz, nim,	5	116·3	72·9	86·7	77·4
26	cu. hz, ...	2	cu, hz, ...	1	S-cu, ...	4	cu, nim, ...	5	cu, cu-st, cr-hz, ...	[illegible]	cu, cu-st, cr-hz. ...	3	119·8	68·9	86·9	76·3
27	cu, cr-hz, ..	6	hy-cu, hz, ...	4	cu, cr-hz, nim, ...	7	hy-cu, cr-hz, ...	7	ovt, ...	[illegible]	ovt, ...	8	ovt	71·2	83·4	76·9
28	ovt, R, ...	8	ovt, ...	8	ny-ovt, r-b-W,	7	cu, cr-hz, nim, ...	7	do. lt-R, ...	[illegible]	ny-ovt, ...	7	96·8	74·4	84·2	76·0
29	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	116·5	73·9	84·8	78·2
30	cu, cu-st, ...	2	cu, hz, ...	1	cu, hz, ...	1	cu, hz, ..	2	cu, cu-st, cr-hr, ...	4	cu cu-st, cr-hz, nim,	4	124·7	70·7	84·3	77·1
31	cu, hr, D, ...	2	cu, cu-st, hr, D,	2	cu, cr-hz, ...	2	cu, cr, cr-hz, ..	3	cu, hz, ...	1	cu, hz, ...	1	127·7	89·9	83·1	75·6

REMARKS ON THE WEATHER FOR THE MONTH OF FEBRUARY 1853.

Date.	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Sol.	Ter.	Max.	Min.
1	fl-cu, D, ...	2	fl-cu, ...	2	sc-cu, ...	1	cu, cu-st, ...	3	fl-cu, ...	2	fl-cu, cu-st, ..	3	131·9	65·3	84·5	73·3
2	hy-cu, hz, D,	4	cu-hor, ..	1	cu, hr, ...	1	fl-cu, ...	4	cu, hz, ...	2	cu, hr, ...	2	136·8	65·1	83·4	73·8
3	cu, cr, cr-hz, ..	2	cu, cr-cu, ...	3	ny-clear, ...	0	cu, cu-st, cr, ...	3	cu, cr-st, hz, ...	1	cr-st, hz, ...	1	136·5	63·1	83·0	71·0
4	cu, hr, D, ...	1	cu, cr, cr-hz,	2	cu, cr, cr-hz, ...	3	cu, cu-st, d-hz,	2	cr hz, cr-st, ...	3	cr-hz, cr-st, ...	6	129·3	59·5	83·8	69·3
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	124·5	63·9	83·2	67·7
6	clear, D, ...	0	cr-st, cr-hz, D,	2	cr-st, cr-hz, ...	2	cr-st, cr-hz, ...	2	cr-st, hz, ...	1	cr-st, hz, ...	1	130·0	63·9	82·4	68·4
7	cu, cr-hz, D, ...	1	do.	1	do.	1	cu, cr-st, ...	3	cu, hz, ...	2	cu-hz, ...	2	137·5	61·2	83·6	79·5
8	cr-cu, cr-hz, D,	1	clear, ...	0	cu hor, ...	1	fl-cu, hz, ..	3	fl-cu, hz, ...	1	fl-cu, hz, ...	2	132·0	63·4	82·9	71·2
9	clear, D, ...	0	cu, cr-hz, ..	1	sc-cu, ...	1	cu, cu-st, ...	3	cu, hz, ...	2	do.	3	127·0	61·5	82·6	69·1
10	do. D, ...	0	cu-hor, D, ...	1	fl-cu, cu-st, ...	2	fl-cu, ...	[illegible]	fl-cu, hz, ...	2	cu-hz, ...	1	131·3	61·1	83·7	69·7
11	cu, cr-hr, D, ...	2	cr, cr-hz, ..	1	cr, cr-hz, ...	1	sc-cu, ...	1	cu, hz, ...	2	cu-hor, ...	1	131·5	60·1	83·1	71·4
12	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	135·3	62·9	82·2	69·4
13	clear, D, ...	0	clear, ...	0	clear, ...	0	cu, cr-st, cr-hz, ...	3	cr-st, hz, ...	1	cr-st, hr, ...	1	136·3	60·4	83·1	68·7
14	do. D, ...	0	cr-cu, fg, ...	1	cr-cu, ...	1	sc-cu, ...	1	clear, ...	0	clear, ...	0	129·5	59·9	82·6	67·7
15	ny-clear, D, ..	0	clear, D, ...	0	clear, ...	0	clear, ...	0	do.	9	do.	0	125·5	54·9	82·6	67·1
16	do. D, ...	0	do. fg, ...	0	ny-clear, ...	0	sc-cu, ...	2	sc-cu, hz, ...	1	ny-clear, ...	0	131·0	36·9	83·6	67·4
17	do. D, ...	0	cu, cr cu, ...	3	cu, cr-cu, ...	8	cu, cu-st, hz, ..	4	cu, cr-st, ...	2	cr-st, cr-hz, ...	1	130·5	61·4	83·3	67·3
18	do. ...	0	cu hor, ...	1	cr, cr-hz, ...	1	cr, cr-hz, cu, ...	8	cu, hz, ...	1	ny-clear, ...	0	141·5	59·7	82·7	66·4
19	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	157·9	60·9	83·5	68·9
20	clear, fg, ...	0	ny-clear, ...	0	clear, ...	0	ny-clear, ...	0	ny-clear, ...	0	do.	0	131·7	57·6	86·0	66·7
21	do. fg, ...	0	cr, cr hz, fg, ...	1	cr, cr-st, ...	1	cr, cr-hz, ...	2	cr-st, hz, ...	2	cr-st, hr, ...	1	135·5	62·1	87·8	67·0
22	do. D, ...	0	do. D, ...	0	ny-clear, ..	0	clear, ...	0	clear, ...	0	ny-clear, ...	0	133·5	52·5	87·1	66·8
23	do. fg, ...	0	clear, ...	0	clear, ...	0	do.	0	do.	0	clear, ...	0	135·5	57·0	86·9	70·5
24	do. fg, ...	0	do. fg, ...	0	do-	0	do. ...	0	do.	0	ny-clear, ...	0	127·0	56·3	84·7	70·0
25	sc-cu, ...	2	sc-cu, ...	3	fl-cu, cu-st, ...	3	sc-cu, hz, ...	3	sc-cu, ...	2	sc-cu, cr-cu, ...	3	126·3	63·1	85·4	72·8
26	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	131·0	56·9	86·9	73·3
27	do.	2	do.	2	cu, cu-st, cr-hr, ..	2	cu, cr-cu, cr-hz, ...	4	cu, cr-hz, ...	3	cr-hz, cr-st, cr-cu,	4	128·0	79·5	67·0	74·3
28	cu, cr, cr-hz,	3	cu, cr-cu, hr,	4	cu, cr-cu, hz, ...	5	sc-cu, ...	1	sr cu, ...	1	sc-cu, ...	1	132·0	64·7	86·0	74·4

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard .... around
- cld .... clouds or cloudy
- cr or cir ... cirri or cirro or cirrous
- cu .... cumuli or cumulo
- D .... Dew
- d .... dense
- dis .... distant
- dt .... detached
- E .... East
- fg .... fog
- fk .... forked
- fl .... flying
- fr .... frequent
- g .... ground
- hy .... heavy
- hl .... halo
- hor .... horizon
- hz .... haze or hazy
- ld .... loud
- lg .... lightning
- lt .... light
- mt .... meteor
- N .... North
- nim .... nimbi
- ny .... nearly
- ovd .... overhead
- ovt .... overcast
- ps .... peals
- pt .... part or partly or partial
- R .... Rain
- r b .... rain-bow
- S .... South
- sc .... scattered
- sh .... sheet
- st .... stratus
- th .... thunder
- thk .... thick
- v .... very
- viv .... vivid
- W .... West

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REMARKS ON THE WEATHER FOR THE MONTH OF MARCH 1853.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	se-cu, ...	1	fl-cu cr-hs, cr-st, ..	2	fl-cu, hs, ...	1	fl-cu, hs, ...	1	cu, hs, ...	1	clear, D, ...	0
2	ny-clear, ...	0	ny-clear, ...	0	ny-clear, ...	0	clear, ...	0	ny-clear, ...	0	do. D, ...	0
3	clear, ...	0	do.	0	clear, ...	0	do.	0	clear, ...	0	cr-hs-hor, ...	2
4	do.	0	clear, ...	0	do. ...	0	do.	0	do.	0	clear, ...	0
5	do.	0	ny-clear, ...	0	do.	0	do.	0	do.	0	... ...	...
6	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	sn. cr-st, cr-hs, ...	2
7	do.	0	clear, ...	0	do.	0	do.	0	do.	0	clear, D, ...	0
8	ny-clear, ...	0	ny-clear, ...	0	do. D, ...	0	do.	0	do. D, ...	0	do. D, ...	0
9	clear, ...	0	clear, ...	0	do. D, ...	0	do. D, ...	0	do. D, ...	0	do. D, ...	0
10	do.	0	do.	0	do.	0	do.	0	do D, ...	0	cu, cr-hs, D, ...	0
1	do.	0	do.	0	do.	0	do.	0	do. D, ...	0	clear, ...	0
2	do.	0	ny-clear, ...	0	do.	0	do.	0	do. ...	0	.. ..	...
3	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	do.	0
4	do.	0	do. ...	5	do.	0	do.	0	do. ...	0	cu, cr-hs, ...	4
5	do.	0	do.	0	do.	0	do.	0	do.	0	ny-clear, D, ...	0
6	do.	0	do. ...	0	do.	0	do.	0	do. D, ...	0	clear, D, ...	0
7	do.	0	do.	0	do.	0	do.	0	do.	0	do.	0
8	do.	0	do. ...	0	do.	0	do.	0	do. ...	0	do.	0
9	do.	0	clear, ...	0	do.	0	do.	0	do. D, ...	0	... ...	...
20	... ...	...	... ...	...	... ..	...	... ...	...	... ...	...	do.	0
1	do.	0	ny-clear, ...	0	cr-st, d-hs, hl- ☽ ...	4	cr-st, d-hz, ...	4	cr-hs-hor, D, ...	2	ny-clear, D, ...	0
2	ny-clear, ...	0	cr-st, hs, ...	1	ny-clear, ...	0	clear, ...	[illegible]	cu, cr hs, cr-st,	2	cu-hs, ...	2
3	do.	0	clear, ...	0	clear, ...	0	do.	[illegible]	clear, ...	0	cr-hz, cr-cu, ...	2
4	cu, cr, cr-hz, ...	1	ny-clear, ...	0	do.	0	do.	[illegible]	sc-cu, ...	1	clear, ...	0
5	cu, d-hz, ...	6	cu, cr-st, hz, ...	3	cu, cr-st, d-hz, hl- ☽	4	cu, cr-st, d-hz, hl- ☽	4	cr-st, d-hs, ...	6	cu, cr, cr-hz, ...	6
6	cu, cr-cu, d-cr-hs,	7	cu, cr-cu, d-cr-hs,	7	ovt, dis-th, lg-S, ...	8	cu, cr-cu, d-cr-hs, ...	[illegible]	ovt, dis-th, lg S,	6	... ...	...
7	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-cu, d-cr-hs ...	7
8	ovt, ...	8	ovt, ...	8	ovt, ...	8	cu, cr-cu hs, ...	[illegible]	cu, cr-st, d-cr-hs,	6	do.	7
9	cu, cu-st, cr-hs, ..	6	cu, cr-st, nim, dis-th,	5	cu, hs, sh-lg-SW,	3	cu, hs, lg, ...	[illegible]	cu, d-cs-hs, ...	6	cu, d-cr-hz, nim, ...	[illegible]
30	cu, su-st, ...	4	cu, cr-st, hs, ...	2	fl-cu, ...	2	fl-cu, lg SW, ..	3	cu, cr-hs, nim,	6	cu, cr-hs, nim, ...	[illegible]
1	cr, cr-hs, cu, ...	1	cu,cr-st,nim,fl-sh-lg-W,th,	3	cu, cu-st,hs,sh-lg-W,	4	cu, d-hs, ...	3	cr-hs, cu,... ...	3	sr-hs, cu, ...	[illegible]

REMARKS ON THE WEATHER FOR THE MONTH OF APRIL 1853.

Date.	NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	cu, cr-st-hor, ..	1	cu-hor, ...	1	clear, ...	0	clear,...	0	ny-clear, ...	0	cr, cr-hs, cu, ...	2
2	cu, cu-st, cr-hs,...	1	cu, cu st, cr-hs,...	1	ny-clear, ...	0	ny-clear,... ...	0	do.	0	... ...	...
3	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, hs, ...	1
4	cu-hor,... ...	1	cu, cr-st, hs-hor,	1	clear, ...	0	clear, ...	0	clear, ...	0	ny clear,... ...	0
5	ny-clear, ...	0	cu-st, cr-st, cr-hs, ...	2	ny-clear, ...	0	do.	0	sn, cr, cr-hs, ...	3	ovt, ...	[illegible]
6	cu, cr-st, cs-hz, ...	1	cr-st-hor, ...	1	clear, ...	0	ny-clear, ...	0	ny-clear, lg-E, ...	4	ny-clear, lg-E, ...	0
7	cu, cu-st, cr-cu, cr-hz,	4	cu, su-st, cr-cu, cr-hs,	4	cu, hs, ...	1	cu, hz, ...	1	do.	0	cu, nim, ...	1
8	cu, cu-st, cr-hs, ...	2	cr-st, cr-hs, ...	1	clear, ...	0	ny-clear,... ...	0	do. lg-SW,	0	clear, ...	0
9	ny-clear, ...	0	cu-st, cr-st, hz, ..	2	ny-clear, ...	0	do.	0	do.	0	... ...	...
10	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu-hor, ...	1
1	cu,cu-st,cr-cu,d-cr-hs,	6	cr, cr-st, hs, ...	4	hs, ...	1	cu, cr-hs, cr-st, sh-lg-W	5	do.	0	cu, cr, cr-hs,... ...	1
2	cu, cr-st, cr-hs, ...	2	cu, cr-st, cr-hs, ...	3	cu, cr-st, cr-hs,...	2	cu, sr-st, cr-hs, ...	2	do.	0	ny-clear, ...	0
3	cu, cr-hs-hor, ...	1	cu, cr, cr-st, cr-hs,	2	cu-st, cr, cr-st, cr-hz,	2	cu, cr-st, hs, ...	2	do.	0	cu, cr, cr-hs, ...	1
4	do.	1	ny-clear, ...	0	ny-clear, ...	0	ny-clear, ...	0	clear, ...	0	ny-clear,... ...	0
5	cu, cu-st-hor, ...	1	sr, sr-st-hor, ...	2	cr, cr st, hs, ...	1	lt-cu, cr-st, hs, ...	2	do.	0	cu, hs, ...	1
6	cu, cr-cu, cr-hs, ...	2	cu-st, cr-st, cr-hz, ...	3	cr-st, cr-hs,... ...	1	cu, cr-st, cr, d-hs, ...	3	ny-clear,... ...	0	... ...	...
7	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	clear, ...	0
8	cr-cu, cr-st, ...	1	cr, cr-st, cr-hs, ...	1	clear,...	0	ny-clear, ...	0	do.	0	ny-clear,... ...	0
9	ny-clear, ...	0	ny-clear, ...	0	do.	0	clear, ...	0	do.	0	clear, ...	0
20	do.	0	do.	0	do.	0	do.	0	clear, ...	0	ny-clear,... ...	0
1	cu, cr-st-hor,... ...	1	cu, cr-cu, cr-hs,...	2	cr-st, hs,... ...	1	cr-st, hs, ...	2	cr, cr-hs, ...	2	cu, cr, cr-hz, ...	4
2	cr-cu, cr-st, cr hz,	2	cr-cu, sr-st, cr-hs, ...	2	cr-st, cr hs, ...	2	cu, cr-st, d-hs, ...	3	cr, cr-hs, cr-st, ...	3	cr, cr-hs, cr-st,...	2
3	cr-cu, cr-hs, ...	1	ny-clear,... ...	0	ny-clear,... ...	0	cr-st, hs,... ...	2	cr, cr-hs, ...	2	... ...	...
4	... ...	...	... .	...	... ...	...	... ...	...	... ...	...	cr, hs, ...	1
5	cu, cr-cu, cr-hs, ...	4	cr-cu, cr-st, cr-hs,	4	cr-cu, cr-st, cr-hz,	4	cr, cr-st, hs, ...	2	do.	1	sc-cu, ...	1
6	cu, cr-cu, cr-st, cr-hz,	2	hy-cu, cr-st, cr-hs, ...	3	cu, cr-st, cr-hs, ...	3	lt-cu,cr-cu,cr-st,hs, ...	2	sc-cu, hs, ...	2	cu, cr-hs, nim,...	3
7	cu, cu-st, cr-hs, ...	2	cu, cr-cu, cu-st, ...	1	cr, cr-cu, hs, ...	1	cu,cr-st,hs,lg-SW,	3	cr, cr-hz, cu, ...	3	cu, cu-st, cr, cr-hs, nim,	6
8	cu, cr-cu, d-cr-hs,	5	cu, cu-st, cr-cu, cr-hs,	3	cu, cu-st, lg-SW, ...	7	cu, cr, cr-hs, ...	6	cu, cr, cr-hz, nim, ...	7	hy-cu, hs, ...	7
9	cu, cu-st-hor, ...	1	cr-cu, cu-st, cr-hs, ...	1	cu, cr-cu, hs, ...	7	cr-st, d-hs, lg-S,	3	ny-clear,... ...	1	cu, cr-cu, hs, ...	3
30												

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard ... around; cld ... clouds or cloudy; cr or cir ... cirri or cirro or cirrous; cu ... cumuli or cumulo; D ... Dew; d ... dense; dis ... distant; dt ... detached; E ... East; fg ... fog; fk ... flecked; fly ... flying; fr ... frequent; g ... ground; hy ... heavy; hl ... halo; hor ... horizon; hz ... haze or hazy; ld ... loud; lg ... lightning; lt ... light; mt ... meteor; N ... North; nim ... nimbi; ny ... nearly; ovh ... overhead; ovt ... overcast; pa ... peals; pt ... part or partly or partial; R ... Rain; r-b ... rain-bow; S ... South; sc ... scattered; sh ... sheet; st ... strata; th ... thunder; thk ... thick; v ... very; wd ... wind; W ... West.

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REMARKS ON THE WEATHER FOR THE MONTH OF MARCH 1853.

	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers. Radiation. Sol.	Ter.	Air. Max.	Min.
1	cr-st, cr-hz, fg,...	1	cr-hz-hor, ...	2	sc-cu, hz, ..	2	clear, ...	0	clear, ...	0	cr, cr-hz, ...	1	131·5	59·4	87·2	72·0
2	cr, cr-st, D,	2	cr, cr-hz, D,	6	cr, cr-st, cr-hz,	3	cr, cr-st, ...	1	cr, cr-hz, ...	1	ny-clear, ...	0	135·0	57·7	87·6	71·8
3	cr-hz-hor, D, ...	2	clear, ...	0	clear, ...	0	clear, ...	0	clear, ...	0	clear, ...	0	123·0	61·9	89·6	73·3
4	clear, D, ...	0	do. ...	0	do. ...	0	do. ...	0	do. ...	0	do. ...	0	117·9	62·9	88·4	74·3
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	120·6	62·9	88·8	75·3
6	cr-st, cr-hz,	1	do. ...	0	sc-cu, hz, ...	2	ny-clear, ...	0	ny-clear, ...	0	do.	0	115·8	62·9	87·6	74·7
7	do. D, ...	1	do. D, ...	0	cu, cu-st, cr-hz, ...	4	cu, cr-hz, ...	2	sc-cu, ...	1	sc-cu, ...	1	120·5	57·4	87·1	72·4
8	clear, D, ...	0	do. ..	0	clear, ...	0	clear,... ...	0	clear, ...	0	clear, ...	0	123·3	60·7	86·7	69·1
9	do. D, ...	0	do.	0	do.	0	do.	0	do.	0	do. ...	0	136·0	54·9	85·9	69·5
10	cr-cu, cr-hz, D,	3	do. D, ...	0	do. ...	0	do. ...	6	do. ...	0	do. ...	0	123·5	60·3	88·5	73·4
1	cr-st, cr-hz, D,...	1	do.	0	do.	0	do.	0	do.	0	do.	0	137·7	59·9	93·1	72·0
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	.	136·5	*	95·6	72·4
3	clear, D, ...	0	do. D, ...	0	do.	0	do.	0	do.	0	do.	0	123·0	62·4	93·2	74·4
4	cu, cr-hz, ...	2	do.	0	do. ...	0	do. ...	0	do. ...	0	do. ...	0	126·1	64·5	90·8	75·2
5	clear, D, ...	0	cr-hz-hor,...	2	cu, cr-hz-hor, ...	1	cu, cr-st, cr-hz, ...	2	do.	0	do.	0	116·7	63·9	89·1	74·4
6	do. fg, ...	0	clear, fg, ...	0	cu, cu-st, hz,	5	clear, ...	0	do. ...	0	do. ...	0	128·7	62·5	90·6	74·1
7	do. ...	0	do. ...	0	clear, ...	0	do.	0	do.	0	do.	0	136·3	66·1	90·6	75·7
8	do. D, ..	0	ny-clear, ...	0	ny-clear, ...	0	do. ...	0	do. ...	0	do. ...	0	118·5	65·3	89·4	74·2
9	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	113·5	63·9	90·0	74·2
20	do. D, ...	0	do.	0	sc-cu, ...	1	do. ...	0	do. ...	0	do. ...	0	109·5	63·6	89·1	74·0
1	ny-clear, D, ...	0	do. ...	0	cu, cr-st, cr-hz, ...	3	cu, cr-st, cr-hz, ...	3	cr, cr-st, cr-hz, ...	2	cr, cr-hz, ...	1	112·0	65·8	82·8	74·4
2	cr-st, cr-hz, D,	1	do.	0	sc-cu, cr-hz,...	3	do. ...	2	cu, cu-st, ..	2	cu-hor, ...	1	130·0	68·2	91·5	76·7
3	sc-cu, cr-hz, ...	1	cu, cr-hz, ...	1	cu, cr-hz, ...	4	cu, cr-hz, ...	2	cr, cu-st, cr-hz, ...	3	cu, cr, cr-hz, ..	1	129·5	67·7	91·7	76·8
4	cu, cr-hz, ...	3	do.	2	fl-cu, hz, ...	2	fl-cu, cr-hz, ...	3	cr, cr-hz, cu,	2	cu, d-hz, ...	4	137·8	60·3	91·0	77·2
5	do. D, ...	3	cu, cr, d-cr-hz,	6	cu, d-cr-hz, ..	7	d-cu, cr-hz, ...	7	cu, cu-st, cr-hz, ...	7	cu, cr-st, d-cr-hz,...	6	126·3	77·9	89·6	76·4
6	... ...	...	... ...	...	... ...	..	... ...	...	... ...	..	... ...	...	ovt.	76·9	84·6	78·3
7	cu, cu-st, cr-hz, th-SW	7	ovt, ..	8	ovt, lt-R, ...	8	ovt, R, ...	6	ovt, lt-R, ...	8	ovt, dis-th-NW, ...	8	ovt.	75·1	84·6	79·8
8	cu, cu-st, cr-hz, nim, lg-W	8	cu, cu-st, cr-hz, nim,	6	cr-cu, cu-st, ...	7	fl-cu, cr-hz, ..	7	cu, cu-st, cr-hz,	6	cu, cu-st, cr-hz,	4	104·4	76·[illegible]	89·0	75·7
9	cr-st, cr-hz, cu, vi-lg-W	4	hy-cu, cr-st, cr, ...	2	hy-cu, cr-st, cr, ...	8	do. ...	5	fl-cu, cu-st, ...	5	cu, cu-st, cr-st, ...	4	165·6	77·[illegible]	89·5	80·7
30	ovt, sh-lg-NE,...	6	cu, cr-hz, nim,	8	hy-cu, nim, hy-R, hy-pl-th	8	cu, cu-st, lt-R,	7	cu, cu-st, cr, cr-hz,	5	cu, cu-st, cr, cr-hz,	2	109·5	77·7	89·5	79·8
1	cr-hz, cu, ...	3	cr, cr-hz, cr-st,...	2	fl-cu, hz, ...	2	fl-cu, cu-st, hz, ...	6	sc-cu, cu-st, cr-st,	2	sc-cu, cu-st, cr-st,	2	120·[illegible]	76·0	93·4	76·9

REMARKS ON THE WEATHER FOR THE MONTH OF APRIL 1853.

	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Sol.	Ter.	Max.	Min.
1	clear, ...	0	cr, cr-st, ...	1	cr-cu, hz, ...	1	fl-cu, hz, ...	2	fl-cu, cu-st, cr-hz,...	4	fl-cu, cu-st, cr-hz,	2	119·3	77·1	93·0	80·7
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..	119·4	77·1	91·7	80·6
3	do.	0	cr, cr-hz, cr-st,..	1	cr-cu, cu, cr-hz, ...	2	ny-clear, ...	0	ny-clear, ...	0	cu-hor, ...	1	121·2	76·4	93·7	80·5
4	ny-clear, ...	0	ny-clear, ...	0	ny-clear, ...	0	do.	0	do.	0	ny-clear, ...	0	123·3	76·8	94·2	80·6
5	cu, cr-hz, nim, ..	7	cr, sc-cu, ..	3	cu, hz, ...	1	cu, hz, ...	1	cu, cu-st, cr-hz, ...	3	cu, cu-st, cr-hz,	2	116·3	77·7	95·0	81·7
6	clear, ...	0	cu, cr-cu, cr-hz,	5	fl-cu, cr-hz, ...	3	ny-ovt, R, ld-th-E,	7	ny-ovt, dis-th,...	7	ny-ovt, ...	7	112·9	77·7	90·8	78·9
7	cu-hor, ...	1	ny-clear, ...	0	fl-cu, hz, ...	2	cu, cu-st, ...	3	cu, cu-st-hor, ...	1	cu, cu-st, cr-hz,	2	112·3	73·4	89·7	76·1
8	cu, cr-hz, ...	2	cu, cr, cr-hz,	3	fl-cu, cr-hz, ...	2	do.	3	do.	1	cu, cu-st-hor, ...	1	122·7	70·6	90·1	77·2
9	.. ..	.	.. .. ..	...	... ...	...	... ...	...	... ...	...	... ...	..	122·0	76·4	90·4	77·5
10	cu, cr-cu, nim, sh-lg-NE	7	cu, cr, cr-st, cr-hz,	6	cu, cr-hz, nim,	7	ovt, ...	8	ovt, ...	8	ovt, ...	8	107·7	74·2	86·2	79·9
1	cu, cr-hz, D, ...	2	cu, cr-cu, cr-hz,	7	cu, d-cr-hz, ...	7	cu, cu-st, hz, ..	4	cu, cu-st, cr-st, cr-hz,	8	cu, cu-st, cr-hz,	2	128·0	71·9	91·0	76·2
2	do. ...	2	cu, cr, cr-hz, ...	3	fl-cu, cr-hz, cr-st,	6	do.	4	sc-cu, cu-st, hz, ...	2	sc-cu, cr-hz, ...	1	119·3	72·5	92·5	78·9
3	cr-cu, cr-hz, ...	1	cu, cr, cr-hz, cr-st,	3	cr, cr-st, hz, ..	2	fl-cu, hz, ...	2	do.	2	sc-cu, cu-st, hz,	1	116·0	74·9	92·6	79·3
4	cu, hz, ...	2	cu, hz, ...	2	fl-cu, ...	2	cu, cu-st, ...	4	fl-cu, cu-st, cr-hz,...	2	fl-cu, cu-st, cr-hz,..	2	113·3	76·4	92·0	80·2
5	clear, ...	0	cr, cr-hz, ...	1	cu, cu-st, ...	2	do.	3	cu, cu-st, cr-hz,	2	cu, cu-st-hor,	1	113·4	79·6	91·1	80·1
6	... ...	...	... ...	...	... ...	...	... ...	...	.. ..	...	... ...	...	115·5	70·4	90·9	77·7
7	ny-clear, ...	0	do. ...	1	fl-cu, hz, ...	2	cu, cu-st, ...	3	cu, cu-st-hor, ...	1	cu, cr-hz-hor, ..	1	113·3	69·1	91·1	76·8
8	do. D, ...	0	cr, cr-hz, cu, ...	1	do.	2	ny-clear, ...	6	cr-st, cr-hz, ...	1	do.	1	116·3	69·7	91·2	77·4
9	clear, ...	0	cr-hz, cu, ...	1	fl-cu, ...	2	cu, cu-st, ...	2	cu-hor, ...	1	cu-hor, ...	1	112·2	69·1	91·2	77·6
20	do. ...	0	lt-cu, ...	0	fl-cu, cr-st, hz,	2	sc-cu, cu-st, hz, ...	5	do.	1	do	1	115·8	68·8	92·1	77·9
1	cu, cr, cr-hz, ...	7	cu, cu-st, cr-hz,	6	fl-cu, nim... ...	2	cu, cr-st, hz, ...	3	cu, cr-st, hz, ...	3	cu, cr-st, cr-hz,	2	111·7	73·2	92·2	79·6
2	cu, hz, D, ...	1	ny-clear, ...	0	fl-cu, hz, ...	2	cu, hz, ...	2	cu, cu-st-hor, ...	1	cu, cu-st-hor, ...	1	113·3	70·7	92·3	78·6
3	... .	...	... ..	.	... ...	..	... ...	..	... ...	...	... ...	...	114·6	71·7	92·7	76·8
4	cr, hz, ...	1	cr, cr-hz, cr-st,..	2	do.	4	cu, cu-st, cr-hz, ...	4	cu, cu-st, cr-hz, ...	3	cu, cr-cu, cr-hz, ..	5	121·3	70·9	93·6	78·7
5	clear, ...	0	fl-cu, hz, ...	3	do.	3	cu, cu-st, ...	2	do. hor, ...	2	cu, cu-st, cr-hz-hor,	2	116·7	72·4	93·4	80·2
6	cu, cr, nim,...	2	cu, cu-st, cr-hz,	3	cu, cr-hz, nim,...	3	cu, cr-hz, ...	4	fl-cu, cu-st, cr-hz,	4	hy-cu, cu-st, cr-hz, ..	3	122·3	76·8	94·1	81·1
7	cu, cr-cu, cr-hz,	6	cu, cr-cu, cr-hz,	7	cu, cr-cu, cr-hz, lt-R,	7	cu, sc-cu, cr-hz,	7	cu, cr-cu, d-cr-hz,	7	cu, cr-cu, d-cr-hz,	6	117·8	75·9	93·8	81·9
8	cu, cr-hz, ...	5	cu, cr, cr-hz, cr-cu,	2	fl-cu, ...	2	fl-cu, ...	1	cu, cu-st-hor, ..	2	cu, cu-st-hor, ..	1	116·3	75·7	92·7	81·1
9	cu-hor, ...	1	ny-clear, ...	0	ny-clear, ...	0	cu-hor, ...	1	sc-cu, cr-st, ...	1	cu, cr-st-hor, ...	1	121·0	75·3	95·5	81·7

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard.......around
cld.......clouds or cloudy
cr or cir.......cirri or cirro or cirrous
cu.......cumuli or cumulo
D.......Dew
d.......dense
dis.......distant
dt.......detached
E.......East
fg.......fog
fk.......forked
fl.......flying
fr.......frequent
g.......ground
hy.......heavy
hl.......halo
hor.......horizon
hz.......haze or hazy
ld.......loud
lg.......lightning
lt.......light
mt.......meteor
N.......North
nim.......nimbi
ny.......nearly
ovd.......overhead
ovt.......overcast
pl.......peals
pt.......part or partly or partial
R.......Rain
r-b.......rain bow
S.......South
sc.......scattered
sh.......sheet
st.......stratus
th.......thunder
thi.......thick
v.......very
vi.......vivid
W.......West

* Spirit broken.

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REMARKS ON THE WEATHER FOR THE MONTH OF MAY 1853.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
April 30	cu, cr-st-hor, ...	1	ny-clear, ...	0	clear	0	ny-clear, ...	0	clear, ...	0	... ...	..
1	... ...	..	... ...	..	... ...	..	... ...	..	... ...	..	clear, ...	0
2	cr-st, hz, ...	1	cr-st, hz, ...	1	ny-clear, ...	0	clear, ...	0	ny-clear, ...	0	ny-clear, ...	0
3	clear, ...	0	ny-clear, ...	0	do sh-lg-W,SW hor,	0	ny-slear, ...	0	cu, cr-st, cr-hz, ...	2	cr-st, cr-hz, ...	1
4	cr, cr-hz, cu, ...	1	cr, cr-hz, cr-st, ...	3	cr-st, hz, ...	2	do.	0	ny-clear, ...	0	ny-clear, ...	0
5	cr, cr-st, ...	3	cr, nr-st, ...	1	ny-clear, ...	0	do.	0	cr-st, cr-hz, ...	1	do.	0
6	ny-clear, ...	0	lt-cu, cr, sr-st, ...	1	do-	0	clear, ...	0	ny-clear, ...	0	cr-st, cr-hz, ...	1
7	do.	0	lt-cu, cr-st, hz, ...	1	do.	0	ny-clear, ...	0	do.	0	... ...	..
8	... ...	..	... ...	..	... .	..	... ...	..	... ...	..	slear, ...	0
9	cr, hz, ...	1	cu, cr-st, cr-hz, ...	2	cr-st, hz, lg-N W,	2	cr-st, cr-hz, lg-NW, ...	2	cu, cr-st, cr-hz, viv-sh-lg,	2	cu, cu-st, cz-hz, fr-sh-lg,	2
10	cr-cu, hz, ...	1	cr, cr-st, ...	1	ny-clear, sh-lg SW-hor,	0	cu-st, hz, ...	1	cu, cu-st, cr-hz, lg, ...	3	cu, cr-st, hz, lg, ...	2
1	cr-st, cr-hz, ...	2	cr-st, cr-hz, ...	2	cr-st, cr-hz, lg-W, ...	2	cr, cr-st, hz, lg-W, ...	3	cu, cr-st, cr-hz, ...	1	ny-clear, ...	0
2	cu, cr-hz, nim, ...	2	cu, cr-st, nim, lg-S, ...	4	lt cu, cr-st, hz, lg-W, S,	2	lt-cu, cr-hz, lg-W,	3	cr-st, cr-hz, ..	2	zr, cr st, cr-hz, ...	1
3	cu, hz, ...	1	cr-st, hz, ...	2	cz-st, hz, ...	1	clear, ...	0	ny-clear, ...	0	ny-clear, ...	0
4	cr-cu, hz, ...	3	cu-st, cr-st, hz, lg-W	2	do. hl-☽ ...	1	cr-st, hz, ...	1	do.	0	... ...	..
5	.. ..	..	. ...	..	... ...	..	.. ..	..	... .	..	do.	0
6	cu, cr-hz, nim, ...	4	cu, cu-st, cr-st, hz,	3	cu, cr-st, hz, lg-W,	3	cr, cr-st, cu-hor, sh-lg-W	3	cr-cu, cr-hz, lg, ...	2	cu, cr-st, cr-hz, ...	[illegible]
7	cu, cr-hz, nim, cr-st,	2	lt-cu, cr-st, hz, ...	2	cu, cr-st, hz, lg-W, ...	3	cu, cr-st, hz, lg-W, ...	2	cr-st, cr-hz, lg, ...	3	cr-st, cr-hz, cu, ...	[illegible]
8	cu, hz, ...	2	cr-st, hz, ...	1	cr-st, hz, ...	1	clear, ...	0	cr-st, cr-hz, ...	1	cr-st, cr-hz, lg-W, ...	[illegible]
9	cu, cr-hz, nim, ...	4	sr-cu, sr-st, hz, ...	2	do.	1	cr-cu, cu-st, cr-hz, ..	4	zr, cr-st, cr-hz, ...	[illegible]	cu, zr-st, cr-hz, ...	[illegible]
20	cu, cr-hz, cr-st, ...	2	cr-hz, cr-st, ...	1	ny-clear, lg-SW,	0	cu, lt-hz, ...	1	ny-clear, ...	[illegible]	cr-st, cr-hz, ...	1
1	do.	2	cr-cu, cr-st, hz, ...	1	cr-st, hz, ...	3	cr, cr-st, hz, ...	2	zz-st, zr-hz, ...	3	... ...	..
2	... ...	..	... ...	..	... .	..	... ...	..	.. ..	..	cr-cu, cr-hz, ...	1
3	cr, cr-hz, cu, ...	3	sr-cu, cr-hz, ...	2	cr-st, lt-hz, .. (lg W	1	S-cu, hz, ...	5	do.	1	ny-clear, ...	0
4	cu-hor, ...	2	cu, cu-st, hz, nim, lg-W	5	cu, cu st, cr st, cr hz, nim,	5	cr-cu, cr-st, cr-hz,	4	cu, cr cu, cr-st, cr-hz,	4	cu, zr-cu, cr-hz, ...	[illegible]
5	cu, cr-hz, nim, ...	3	cu, cu-st, cr-st, hz, lg-W, S, th	3	hy-cu, nim-W, lg-W,	6	cu, cu-st, d-hz, nim, lg,	6	cu, cu-st, cr-cu, cr-hz,	4	cu, cu-st, cr-cu, cz-hz,	6
6	cr-cu, cr-hz, cr, ..	3	cu, cr, cr-hz, cr-st, ...	4	cu, cr-st, hz, lg-NW,	3	cu, cu-st, hz, lg-W, ...	3	cr-cu, cr-st, ...	3	cr-st, cr-hz, ...	3
7	cu, cr-hz, ...	5	cu, cu-st, cr-cu, hz,	7	ny-ovt, ...	7	cu, su-st, hz, ...	3	ny-ovt, ...	7	ny-ovt, ...	7
8	cu-hor, ...	1	cu, hz, nim-W, fr-lg, ...	2	cu, cr-st, hz, lg-S W. NW-hor	3	zu, cr-st, hz, lg-SW, ..	3	cu, cr-cu, cr-hz, ...	2	... .	..
9	... ...	..	... ...	..	... ...	..	... ...	..	... ...	..	cu, cr, cr-hz, ...	3
30	cu, cr-hz, ...	2	cu, cr-hz, ...	1	cu-st, fr-lg-W, SW,	1	cu, cu-st, hz, fr-sh-lg-W,	3	cu, cr-st, cr-hz, ..	2	ny-clear, ...	0
1	cu, cr-hz, cr-st, ..	3	cu, cr-hz, cr-st, ..	2	cu, cr-st, hz, lg-W, ...	[illegible]	cu-st, cr-st, cr-hz, lg-SW	4	cr-st, cr-hz, ...	3	cr-st, cr-hz, ...	[illegible]

REMARKS ON THE WEATHER FOR THE MONTH OF JUNE 1853.

Date.	NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	cr, zr-st, cr-hz, ...	3	cu, cr-cu, hz, ...	6	cu, cu-st, cr-hz, ...	3	cu, hz, ...	2	clear, ...	0	cu, nim, ...	[illegible]
2	cu, cu-st, cr, cr-hz .	4	su-st, cz-cu, cr-hz,	3	cu-st, cr-cu, cr-hz, ...	2	cu, cr-st, hz, lg-W-hor,	3	cu, hz, ...	1	cu, hz, ...	1
3	sc-cu, cr-hz, ...	2	cr, cr-st, cr-hz, ...	3	hz, ...	2	cr, d hz, ...	3	cr-hz, ...	3	cr-hz, ...	[illegible]
4	cr, d-hz, ...	3	cz, d-hz, ...	5	cr-st, d-hz, ...	6	cr-hz, cr-st, ...	6	cu, cr-hz, ...	6	... ...	..
5	... ...	..	... ...	..	... .	..	... ...	..	... ...	..	cu, cr-st, cr-hz, ...	[illegible]
6	sc-cu, cr-hz, ...	2	cr-hz, ...	1	hz, ...	2	hz-hor, lg-W, ...	2	cr-hz-hor, sh-lg-NE,	1	lt-cr-hz, ...	[illegible]
7	cr-cu, cr, cr-hz, ...	5	cr-cu, cr, cr-hz, ...	3	sr-cu, cr, cr-hz, ...	3	do. do.	2	ny-clear, ...	0	slear, ...	[illegible]
8	sc-cu, cr-hz, ...	3	cu, cu-st, hz, ...	2	fl-cu, cu-st, sr-hz, lg-W,	4	cu, cr-st, d-hz, ...	3	cu, cr-hz, ...	2	cu, cr-hz, ...	[illegible]
9	do.	2	sc-cu, cu-st, cr-st, cr-hz,	3	cr-st, cr-hz, ...	3	d-hz, cr-st, ...	3	clear, ...	0	cr-hz, cr-st, ...	[illegible]
10	cu, sr-cu, cr-hc, ...	5	cu, cr-cu, cr-hz, ...	4	cu-st, cr-hz, lg-S, W, ...	2	cu, cu, st, hz, lg-W, NW,	2	do.	0	ny-clear, ...	[illegible]
1	ovt, ...	8	ovt, ...	8	cu, cu-st, d-hz, ...	7	cr-cu, d-hz, sh-lg-NE,	7	cr-cu, d-hz, sh-lg-NW,	7	... .	..
2	... ...	..	... .	..	... ...	..	... ...	..	... .	..	cu, cr-st, cr-hz, ...	[illegible]
3	fl-cu, cu-st, nim, ...	5	cu, cu-st, nim, lt-R, ...	6	cu, su-st, nim, ...	7	cu, cr-st, cr-hz, ...	4	cu, cr-hz, nim, sh lg-NW,	6	cu, cr-hz, nim, ...	[illegible]
4	cu, nim, lt-R, ...	7	hy-cu, cu-st, nim, ...	7	hy-cu, cu-st, nim, ...	8	ovt, sh-lg-N, lt-R,	8	ovt, sh-lg-NW, ...	8	cu, cr-hz, cr-cu, ...	[illegible]
5	ovt, ...	6	ovt, ...	8	ovt.	8	do, R, sh-lg-N, ...	8	do.	8	ovt, ...	[illegible]
6	do.	5	do.	8	do.	8	ovt, ...	8	do.	8	do.	[illegible]
7	cr, cr-hz, cu, ...	8	do.	8	do	8	do.	8	do.	8	do.	[illegible]
8	ovt, lt-R.	8	hy-cu, cu-st, nim, ...	8	cu, cu-st, d-cr-hz, ...	8	do.	8	do.	8	... ...	..
9	... ...	..	... .	..	... ...	..	... ...	..	... ...	..	do.	[illegible]
20	cu, cr, cr-hz, ...	6	cr-cu, cu-st, d-hz, ...	7	cr-cu, cu-st, d-hz, ...	7	do.	7	do, hl-☽, ...	8	cr-cu, cr-hz, cr-st, ...	[illegible]
1	cr-cu, cz-hz, cr-st, ...	8	hy-cu, cu-st, cr-st, ...	6	cu, cu-st, cr-st, ...	7	do.	7	do.	8	ovt, ...	[illegible]
2	fl-cu, cu-st, cr-hz, . .	7	hy-cu, cu-st, hz, nim,	4	ovt, R, sh-lg-NW, ...	8	cu, cr-hz, nim, ...	5	cu, cr-hz, ...	5	cu, cr-st, cr-hz, ...	[illegible]
3	cu, cu-st, cr-hz, nim, ...	7	S-cu, nim, lt-R, ...	7	cu, hz, nim, ...	6	cu, cr-cu, cr-st, hz, ...	2	do	6	cr-cu, cr-hz, ...	[illegible]
4	cu, cu-st, cr-st, hz, ..	6	cu, cu-st, cr-st, hz, nim,	5	cu, cr-hz, nim, ...	6	cu, cr-hz, nim, ...	5	cr-cu, cr-st, cr-hz, hl-☽,	3	cr-st, cr-hz, ...	[illegible]
5	cu, cr-st, d-hz, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	... ...	..
6	... ...	..	... ...	..	... ...	..	... ...	..	... ...	..	ny-ovt, ...	[illegible]
7	cr-cu, cu-st, d-hz, ...	8	cu, cu-st, cr-st, cr-hz,	4	cu, cr hz, ...	3	cu, cr-hz, ...	1	cu, hz-hor, ...	1	cu, zz-st, cr-hz, ...	[illegible]
8	hy-cu, cu-st, hz, nim,	[illegible]	ny-ovt, ...	7	ny-ovt, lt-R, ...	7	cu-hoz.	1	cu, cr-cu, cr-hz, ...	3	cu, cr-cu, cr-hz, ...	[illegible]
9	cu, cu-st, hz, nim, ...	[illegible]	do.	7	ovt, R, ...	8	ovt, ...	8	cu, cr-st, cr-hz, ...	2	cu, cu-st, cr-hz, nim,	4
30	cu, cr-cu, R, ..	7	do.	7	cu, cu-st, cr-hz, nim,	4	do, lt-R, ...	8	ovt, ...	8	cr, cr-st, hz, ...	[illegible]

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard ... around
cld ... clouds or cloudy
cr or cir ... cirri or cirro or cirrous
cu ... cumuli or cumulo
D ... Dew
d ... dense
dis ... distant
dt ... detached
E ... East
fg ... fog
fk ... forked
fl ... flying
fr ... frequent
g ... ground
hy ... heavy
hl ... halo
hor ... horizon
hz ... haze or hazy
ld ... loud
lg ... lightning
lt ... light
mt ... meteor
N ... North
nim ... nimbi
ny ... nearly
ovd ... overhead
ovt ... overcast
pl ... peals
pt ... part or partly or partial
R ... Rain
r-b ... rain-bow
S ... South
sc ... scattered
sh ... sheet
st ... stratus
th ... thunder
thk ... thick
v ... very
viv ... vivid
W ... West

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REMARKS ON THE WEATHER FOR THE MONTH OF MAY 1853.

Date.	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Thermometers. Radiation. Sol.	Ter.	Air. Max.	Min.
A30	...	...	...	...	...	...	...	...	...	...	...	..	112·5	74·0	94·4	81·5
1	clear, ...	0	cu,cu-st,cr-st,nim	3	sc-cu, ...	3	sc-cu, ...	3	cu, hz-hor, ...	1	cr-st, cr-hz, cu,	1	111·3	75·0	94·1	81·5
2	ny-clear, ...	0	cr-cu, cr-st, ..	1	fl-cu, cr-hz, ...	4	fl-cu, cr-hz, ...	4	do. ...	1	cu, hz-hor, ...	1	111·3	75·1	93·9	81·8
3	do. ...	0	cr, cr-hz, cr-st,	2	fl-cu,cu-st,cr-hz,nim	6	do. ...	5	fl-cu, cr-hz, ...	1	cr, cr-hz, cu, ...	1	118·5	75·0	94·2	82·0
4	do. ..	0	do. ...	2	fl-cu, cu-st, ...	5	fl-cu, cu-st, ...	4	cu, cr-hz, cr-st,	3	cu, cr-hz, cr-st, ...	2	116·5	76·9	95·5	82·4
5	cr, cr-st, ...	4	do. ...	3	do. ...	4	fl-cu, hz, ..	3	fl-cu, hz, ...	2	fl-cu, hz, ...	2	111·5	77·8	95·8	83·2
6	ny-clear, ...	0	cr, cr-st, cr-hz,...	2	do. ...	4	fl-cu, cu-st, ...	3	cr, cr-hz, cu, ...	3	cr, cr-hz, cu, ...	2	118·5	70·9	94·4	82·0
7	...	...	...	...	...	...	...	...	...	...	...	..	120·7	75·1	95·5	81·8
8	do. ...	0	cu, cu-st, cr-hz, ..	3	fl-cu, cr-hz, ...	4	do. ...	4	cu, hz,...	2	cu, hz, ...	2	114·8	*	95·8	82·1
9	cr,cr-hz,cu,fl-sh lg-E,N	5	ovt, hy pt-th,	8	cu, cr-cu, cr-hz,	6	cu, cr, cr-hz, ...	6	cu, cr-hz, ...	4	cu, cr-hz, ...	2	115·5	75·3	05·7	78·9
10	cu-hor, ...	1	ny-clear, ...	0	fl-cu, hz, ...	2	sc-cu, ...	2	cu, hz,...	2	cu, hz, ...	1	151·5	78·9	96·8	83·6
1	cr, cr-hz, cr-st,	3	cr, cr-hz, cr-st,	2	cr, cr-hz, cr-st,	3	cr, cr-hz, ...	2	do. ...	2	do. ...	1	133·5	78·9	103·0	82·8
2	ny-clear, ..	0	do. ...	3	do. ...	3	ny-clear, ...	0	clear, ...	0	do. ...	1	155·3	75·4	101·8	82·5
3	n-hor, ...	2	cu, cu-st, cr, cr-hz,	4	cu, cu-st, cr, cr-hz,	5	cr, cr-hz, ...	2	cr, cr-hz, ...	2	cr, cr-hz, ...	1	140·5	77·4	103·9	84·3
4	...	...	...	...	...	...	...	...	...	...	...	..	150·5	77·9	100·6	84·4
5	ny-clear, ...	0	cr, cr-hz, cr-st,	8	cr, cr-hz, cr-st,	5	do. ...	2	cr-st, hz, ...	1	cu, hz,...	2	144·4	77·9	103·4	84·5
6	cr, cr-st, ...	2	do. ...	2	cr, cr-hz, ...	2	do. ...	3	do. ...	2	cr-st, hz, ...	1	141·5	78·7	103·0	85·1
7	ny-clear, ..	0	cr, cr-hz, ...	3	cr, cr-hz, cr-st,	3	cu, cr, cr-hz, ...	3	cr, cr-hz, ...	2	cu, hz,...	2	137·7	79·4	103·5	84·6
8	cr-cu, cr, cr hz,	5	ny-clear, ...	0	do. ...	2	ny-clear, ...	0	ny-clear, ...	0	do. ...	1	143·5	79·8	104·8	84·6
9	cr-cu, cr-hz, ...	2	cr-cu, cr-hz,...	4	cr-cu, cr-hz, ..	2	cr, cr-hz, ...	2	cr, cr-hz, ...	2	cu, cr-hz, cr-st,	2	141·5	79·1	104·0	84·6
20	cu, cs, cr-hz,	4	cu,cu-st,cr-cu,cr-hz	5	cu,cu-st,cr,cr-hz,nim,	7	cu, cr-hz, ...	2	cr-cu, cr hz,...	2	cr-cu, cr-hz, ...	1	144·5	79·9	105·6	85·2
1	...	...	...	...	...	...	...	...	...	...	...	..	115·5	79·4	88·0	83·2
2	cr-cu, cr hz,	1	fl-cu, hz, ...	3	cu,cu-st,cr-hz,nim,	3	cu,cu-st,cr-hz,nim,	4	cu,cu-st,cr hz,th-NW,	5	cu, cr-hz, nim, ...	5	128·8	79·7	95·6	83·9
3	cr-cu, cr-st, hz,...	3	cu, cr, cr-st, hr,...	3	cr, cr-st, ...	2	cr-hz, cr-st, ...	2	sc-cu, hz, ...	2	cu-hor, ...	2	150·7	77·6	97·8	82·3
4	cr, cr-hz, cr-st,	3	cr, cr hz, cr-st,	2	cr, cr-hz, ..	2	cr, cr-hz, ...	1	cu, hz, ...	2	cu,cr-hz,nim-N,th,	3	135·0	77·9	99·6	82·9
5	cr-cu, cr-hz, ..	6	cr-cu, cr-hz, ...	4	cu, cr-cu, cr-hs, ...	3	cu, cr, cr-hz, ...	4	cr-cu, cr-hz, ...	4	cr-cu, cr-hz, ...	3	125·5	79·9	103·3	82·8
6	cr, cr-st, cr hz,	3	cu, cr-cu, cr-hz,	4	do. ...	6	cr, cr-hz, cr-st,	7	do.	7	do ...	6	137·4	79·6	102·6	85·3
7	cu,cr-cu,cr-hz,nim	6	cr-cu, cr, ...	6	cu, cr, cr-hz, ...	2	cr-cu, cr st, hz, ...	3	cr-cu, cr-st, hz, ...	3	sc-cu, hz, ...	2	130·5	79·9	103·7	85·8
8	...	...	...	...	...	...	...	...	...	...	...	...	128·1	79·1	101·2	84·5
9	cu,cr,cr-st,cr-hz,	6	cu, cr-cu,cr-st,hz,	7	cu, cr-cu, cr-st, hz,	6	cr, cr-hz, cr-st, ...	5	cr, cr-hz, cr-st, ...	3	cu, cr-hz, ...	2	121·0	78·9	97·4	82·4
30	cu, cr, cr-hz, ...	2	cr, cr-hz, ...	2	cr, cr-hz, ...	1	cr, cr-hz, ...	2	cu, cu-st, cr-hz	3	do. ...	2	130·5	75·5	97·0	81·9
1	do. ..	2	cr-st, cr-hz,...	2	cr-st, cr-hz, ...	1	cr-st, cr-hz, ...	1	cu, cu-st, cr, cr-hz,	4	cu, cu-st, cr, cr-hz,	4	119·3	79·4	98·3	83·4

REMARKS ON THE WEATHER FOR THE MONTH OF JUNE 1853.

Date.	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Sol.	Ter.	Max.	Min.
1	cu, cr-cu, cr-hz,	4	cr-cu, cr-hz, ..	5	cu, cr-cu, cr-st, ...	3	cu, cr-cu, cr-st, ...	5	cu, cr, cr-hz, cr-st,...	6	cu, cr-hz, ...	2	125·5	77·4	103·0	83·6
2	cu, hz, ...	1	cr-cu, cr-st, cr-hz,	2	cr-hz, cr-st, ...	3	cr-cu, cr-st, cr-hz,	3	cr, cr-hz, cr-st,...	2	cr, cr-hz, cr-st,	2	137·0	77·9	106·3	84·4
3	cu, cr-cu, cr-hz,	3	cr-hz, cr-st, ...	2	do. ...	2	do. ...	3	cr, d-hz, ...	3	cr, d-hz, ...	2	123·5	79·7	105·2	86·4
4	...	...	...	...	...	...	...	...	...	...	...	..	110·5	79·8	105·0	85·1
5	cu, cr-cu, cr-hz,	3	do. ...	4	do. ...	3	do. ...	4	cr, cr-hz, cr-st, ...	4	sc-cu, cr-hz, ...	3	125·3	80·6	105·8	85·4
6	cr-st, cr-hz, ...	2	cr-cu, cr-hz,...	4	cr-cu, cr-hz, ..	3	cr-cu, cr-hz,...	3	cr-cu, cr-hz, ...	3	cr, cr-hz, cu, ...	5	132·5	82·4	104·4	87·0
7	cr-hz, cr-cu,	1	cr-hz, cr-cu, ...	2	cr-hz, cr-st, ...	1	cr-hz, cr-st, ..	1	ny-clear, ...	0	sc-cu, cr-hz, ...	2	150·9	83·1	108·9	87·3
8	cu, cr-hz, ...	2	cr-cu, cr-st,...	1	ny-clear, ...	0	ny-clear, ...	0	sc-cu, cr-hz, ...	1	do. ...	1	131·3	81·9	103·7	87·0
9	cu, cr-hz, cr-cu,	2	cr-hz, cr-st, ...	3	cr-cu, cr-st, ...	3	cr-st, cr, cr-hz, ...	2	cr-cu, cr, cr-hz, ...	3	cu, cu-st, cr, cr-hz,	3	152·5	83·9	104·1	86·0
10	cu, cr-hr, cr-st,...	2	cr-cu, cr-st, d-cr-hz	6	ovt,... ...	8	ovt, ...	8	cu,cu-st,cr-hz,nim,lt-R,	8	ovt, ...	8	108·0	80·0	98·7	85·5
1	...	...	...	...	...	...	...	...	...	...	...	..	118·8	78·5	95·5	84·1
2	cu, cr-cu, cr-hz,...	6	cu, cu-st, cr-cu,	5	cu, cr-cu, cr-hz, ..	4	sc-cu, cr, ...	1	sc-cu, cr-hz, ...	2	fl-cu, nim, ...	3	126·5	78·9	101·4	84·6
3	do.... ...	3	cu, cr-cu, hz, ...	6	do. ...	2	cu, cr-cu, cr-hz, ...	1	fl-cu, cr-st,...	3	fl-cu, cu-st, nim, ...	6	135·7	80·5	100·6	84·2
4	ovt, ...	8	cu, cu-st, cr-hz, nim,	7	ny-ovt, ...	7	ovt, ...	8	ovt, ...	8	ovt, ...	8	111·3	79·9	08·9	84·1
5	do.... ...	8	ovt, ...	8	ovt, lt-R, ...	8	do. ...	8	do. ...	8	do. ...	8	105·0	75·8	94·9	84·3
6	do. lt-R, ...	8	do, lt-R, ...	8	do. ...	8	do. ...	8	do. ...	8	cu, cu-st, cr-hz,	8	105·8	70·4	93·3	79·7
7	do.... ...	8	do. ...	8	do. ...	8	do. ...	8	do. ...	8	ovt, ...	8	109·0	75·0	97·8	82·4
8	...	...	...	...	...	...	...	...	...	...	...	..	119·7	70·4	98·4	80·4
9	cu, cr-cu, cr-hz,	4	ny-ovt, ...	7	do. ...	8	ny-ovt,...	7	cu, cr, cr-hz, cr-st,	6	cu, cr, cr-hz, ..	7	109·5	85·1	08·8	82·6
20	cr-cu, cr-hz, ...	8	cu, cr-cu cr-hz,	4	cr-cu, cr-hz, ...	8	cr-cu, cr-hz, ...	4	cu, cu-st, cr, cr-hz,	6	fl-cu, cu-st, hz,	8	115·3	74·4	100·8	82·0
1	cr-cu, cr-st, cr-hz,	6	cr-cu, cr-st, cr-hz,	5	cu, cr-cu, cr-hz,...	6	cr-cu, hz, cr-st,...	3	cu, cr, cr-hz, ...	8	fl-cu, cu-st, cr-hz,	7	117·5	75·4	101·8	83·1
2	cu, cu-st, cr, ...	3	cu, cr-cu, ...	3	cu, cr-cu, cr-hz, ...	3	cr, cr-st, ...	2	cu, cr-cu, cr-st,	8	cu, cr-cu, cr-st,	3	117·8	75·9	102·2	81·6
3	cu, cr-cu, cr-hz,	4	cr-cu, cr-cu, cr-hz,	6	do. ...	3	cu, cr-hz, ...	3	fl-cu, cu-st, cr, cr-hz,	4	cu, cu-st, cr-st, hz,	6	110·8	78·9	102·0	84·2
4	cr-st, cr-hz, ...	2	ny-ovt, ...	7	cr-st, cr-hz,...	6	cr-st, cr-hz, ..	3	cr, cr-hz, cr-st,...	6	cu, cr-st, d-hz,...	6	111·4	70·1	96·5	85·5
5	...	...	...	...	...	...	...	...	...	...	...	..	114·5	80·9	100·1	84·7
6	cr-cu, cr-st, cr-hz,	6	do. ...	7	ny-ovt, ...	7	fl-cu, cr-hz, ...	3	sc-cu, d-hz, ...	5	cu, cr-st, cu-st, d-hz,	5	117·5	80·1	101·1	85·2
7	cu, cr-hz, ...	2	cu, cr-cu, cr-hz,...	3	cu, cr-cu, ...	2	cr, cr-hz, ...	1	sc-cu, cu-st,...	4	sc-cu, hz, ...	5	120·0	77·5	101·0	83·3
8	cr-cu, cr-st, cr-hz,	2	cr-cu, cr-st, cr-hz,	3	cr, cr-cu, cr-hz, ...	3	cr, cr-hz, cr-st, ...	4	fl-cu, cu-st, ...	5	cu, cu-st, cr-st, hz,	6	123·7	77·3	102·0	83·8
9	ovt, ...	8	ny-ovt, ...	7	cr-hz, cr-st, ...	7	cr, cr-hz, ...	5	fl-cu, cr-hz,...	5	cr-cu, d-hz, ...	5	130·7	74·9	100·0	81·7
30	cr-cu, cr-st, hz,	4	ovt, ...	8	ovt, ...	8	cr, cr-st, cr-hz,...	8	cr, cr-st, cr-hz,...	8	cu, d-hz, ...	8	109·0	77·1	99·7	82·2

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard ... around; cld ... clouds or cloudy; cr or cir ... cirri or cirro or cirrous; cu ... cumuli or cumulo; D ... Dew; d ... dense; dis ... distant; dt ... detached; E ... East; fg ... fog; fk ... forked; fl ... flying; fq ... frequent; g ... ground; hy ... heavy; hl ... halo; hor ... horizon; hz ... haze or hazy; ld ... loud; lg ... lightning; lt ... light; mt ... meteor; N ... North; nim ... nimbi; ny ... nearly; ovd ... overhead; ovt ... overcast; pk ... peals; pt ... part or partly or partial; R ... Rain; rb ... rain-bow; S ... South; sc ... scattered; sh ... sheet; st ... stratus; th ... thunder; thk ... thick; v ... very; vv ... vivid; W ... West.

* Sprit broken.

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REMARKS ON THE WEATHER FOR THE MONTH OF JULY 1853.

Date.	Guttingen Mean Time. NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	cu, cu-st, nim, ..	8	hy-cu,cu-st,d-hz,nim,	8	cu, cu-st, cr-hr, ..	6	nvt, ...	8	nvt, ...	8	ny-ovt, ...	7
2	cu, cu-st, d-hz, ...	6	cu, cu-st, d-hz, ...	8	cu, cr-hz, nim, ...	7	do.	8	do. sh-lg-N W,...	8	... ...	...
3	... ...	...	... .	...	... ...	...	... ...	...	... ...	...	cu, cr-st, hz, ...	8
4	fl-cu,cu-st,cr-hz,nim,	6	ny-nvt, ...	7	ovt,vi-vsh-lg,th-NW,	8	do, viv-sh-lg, ...	8	do.sh-lg, ...	8	nvt, lt-R, ...	8
5	ovt, hy-R, th, ...	8	nvt, R, ...	8	ovt, ...	8	do.	8	do.	8	do.	8
6	ovt, hy-R, lg, th,	8	ny-ovt, ...	7	do.	8	cu, hz, ...	5	cr-hz, cr-st, ...	7	cr-hz, cr-st. ...	7
7	ny-ovt, ...	8	do-	8	do, ...	8	nvt, ...	8	cu, cr-hz, ...	6	cu, cr-hz, ...	5
8	cu,cu-st,cr-st,hz,nim,	6	do.	7	cu, hz, ...	5	fl-cu, hz,... ...	6	do, sh-lg-E, ...	5	ovt, ...	8
9	ny-ovt, ...	8	do.	7	ovt, ...	8	ovt, ...	8	ovt, ...	8	. ...	...
10	... ...	...	... ...	...	... ...	..	... ...	...	... ...	...	do.	8
1	cr-cu, cu-st, cr-hz, ...	6	cr-cu, cu-st, cr-hz,	7	cr, cr-hz, cu, ...	5	cu, cr-hz, nim, ...	6	cr-hz, cr-st, ...	6	cr-hz, cr-st, ...	8
2	cu, cr-st, hz, ...	5	cu, cr-st, d-hz, ...	6	cu, cr, cr-hz, ...	6	cu, cr-hz, ...	7	cu, cr-hz, ...	7	cu, cr-hz, ...	7
3	cu, cu-st, nim, ..	6	cu, cu-st, cr-cu, hz,	6	nvt, ...	8	cu, cu-st, hz, ...	4	cu, cu-st, cr-hz, ...	5	d-cr-hz, ...	8
4	cu, cu-st, d-cr-hz,	7	ny-ovt, ...	7	ny-ovt, ...	7	cu, cu-st, cr-hz, nim,	4	cu, cr-hz, ...	5	cu, cr-hz.... ...	8
5	cu,cu-st,nim,lt-R, ...	7	do.	7	ovt, ...	8	fl-cu, hz, ...	6	cr-cu, cr-hz,... ...	5	cr-cu, cr-hz, ...	5
6	ny-ovt, ...	7	cu, cu-st, cr-st, nim,...	5	cu, cr, cr-hz, ...	6	cu, cr-st, cr-hz ...	6	ovt, ...	8	... ...	...
7	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	do.	5
8	cu, cu-st, cr-cu, ..	6	cu,cu-st,cr-st,cr-cu,hr,	4	do.	4	cu, cr-cu, cr-hz,...	6	cu, hz, ...	2	cu, hz, ...	2
9	hy-cu, cu-st,... ...	7	cu, cu-st, cr-st, nim,...	5	cu, cu-st, cr-cu, hz,...	6	ny-ovt, ...	8	cu, cr, cr-hz, ...	6	cu, cr, cr-hz, ...	3
20	cu, cu-st, cr-hz, nim,	7	nvt, ...	8	nvt, ...	8	cu, cr, cr-hz, cr-st,	6	clear, ...	0	cr-st, cr-hz, ...	2
1	cu, cr-hz, nim, ...	8	cu, cr-hr, nim, ..	7	ny-ovt, ...	7	nvt, ...	8	nvt, ...	8	ovt, ...	8
2	cu, cu-st, cr-hz, nim,	6	cu, cu-st, nim, ...	7	cu,cu-st,d-hs,lg-SE,	4	cu, cr-cu, cr-st, nim,	8	do.	8	cu, cr-cu, cr-hz, ...	6
3	cu, cu-st, cr-hz, nim,	6	du.	5	ny-ovt, ...	7	hy-cu, cu st, lg-S, ...	7	fl-cu, cr-hz, ...	5	... ...	...
4	... ...	...	... ...	...	... ...	..	... ...	...	... ...	..	cr-cu, cr-hz, ...	2
5	cu,cu-st,cr-hz,nim. R,	7	cu, cu-st, nim, ...	6	cu, cu-st, nim, ...	6	cu, cu-st, lt-R, ...	8	fl-cu, hz, ...	8	nvt, lt-R, ...	8
6	cu, cu-st, cr-hz, nim,	5	cu,cu-st,cr-cu,cr-st,hz,	5	cu, cu-st, hz, ...	6	nvt, ...	8	fl-cu, cr-hz, ...	8	fl-cu, cr-hz, nim,...	7
7	cu, cr-cu, cr-hz, ...	6	cu, cr-cu, d-hz, ...	4	cu, cr-st, hz, ..	2	cr, cr-hz, ...	3	cr-st, d-cr-hz, ...	6	cu, cr, d-cr-hz, hl-)	6
8	do.	4	cu, cr-st, cr-hz, ...	3	clear, ...	0	cu, cu-st, hz, ...	3	cu, cr-hz, cr-st, ...	6	cu, cr-st, cr-hz, ...	6
9	cu, cr-cu, d-cr-hz, ..	6	cu, d-hz, ...	5	cu, hz, ...	1	cu, hz, ...	1	fl-cu, hz, ...	6	fl-cu, hz, ...	6
30	cu, cu-st, cr-hs, nim,	5	cu, cr-st, d-hz, ...	5	cu, d-hz, ...	2	cs-hs, cu-st, ...	2	cr, cr-hz, cu, ...	1	... ...	...
1	... ...	..	... .	..	... ...	..	... ...	...	. ... ..	...	ovt, ...	8

REMARKS ON THE WEATHER FOR THE MONTH OF AUGUST 1853.

Date.	NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	cr-hz, cu, ...	5	cu, cu-st, cr-hz, ...	3	cu, cu-st, ...	1	ny-clear, ...	0	cu, cr-st, cr-hz, ...	2	cu, cr-cu, cr-hz, ...	3
2	cu, cr-hz, ...	3	cu, cu-st, hz, ...	4	cr-cu, cu-st, hz,...	3	cu, cu-st, cr-hz, nim,	6	ny-ovt, R, ...	7	cu, cu-st, cr-hz, ..	4
3	do.	5	cu, cu-st, cr-hz, ...	5	cr-cu, sh-lg-SW, ...	1	ny-ovt, ...	7	do.	7	do. nim, ...	6
4	cu, cr-hz, cr-st, ..	5	cu cr-hz,nim,viv-sh-lg,th.	2	cu, cu-st, nim, ...	7	do.	7	cu, cr-st, cr-hz, ...	5	hy-ovt, ...	7
5	cu, cr-hz, ...	8	cu, cu-st, cr-st, ...	5	cu-st, cr-hz, ...	3	cu, cr-cu, cr-hz, ..	4	cu, cu-st, cr-hz, ...	4	cu,cu-st,cr-hz,nim,lg-NW,	5
6	do. nim, ...	3	cu, cu-st, cr-cu, hz,	4	cu, cu-st, ...	3	ny-nvt, sh-lg-S,...	7	do.	5	... ...	..
7	.. ..	...	... ...	...	... ...	..	... ...	...	... ...	...	nvt, ...	8
8	cr, cr-hz, cu, ...	5	cu-st, cr-st, cr-hz,	3	cu, cr-st, cr-hz, ...	3	cu, hz, ...	5	cr-st, cr-hz, ...	1	cu, cu-st, cr-hz, nim,	4
9	cu,cr-hz,nim,fr-th,lt-R	5	cu, cr-cu, cu-st, ...	3	cu,cr-cu,cu-st,hz,lg-SW,	7	cu,cr-cu,cr-hz,viv-sh-lg-SW.	4	cr-cu, cr-st, cr-hz, ...	2	cr-cu, cr-st, cr-hz, ...	2
10	cr-st, d-cr-hz, ..	7	cr-st, cr-hz, ...	4	cu, cr-hz, lg-SW,...	[illegible]	cu, cr-cu, cr-hz, ...	3	cu, cu-st, cr-hz,...	4	cu,cu-st,cr-hz,nim,lg,th-SW.	5
1	nvt, ...	8	cr-cu, d-hz, ...	7	cr-cu, d-hz, ...	7	cr-cu, cr-st, cr-hz, ...	2	ny-ovt, ...	7	ovt, lt-R, ...	8
2	do.	8	cu, cu-st, cr-hz,...	4	cr-cu, cr-st, ...	[illegible]	cr-cu, cr-st, hz, ...	5	cr-cu, cr-st, cr-hz,	4	cr-st, cr-hz, ...	2
3	sc-cu, ...	1	cu, cu-st, lt-hz, ...	1	clear, ...	[illegible]	fl-cu, sh-lg-W-hor, ...	4	cu,cr-cu,cr-hz,lg-NW,	3	... ...	..
4	... ...	...	... ...	...	... ...	...	... ...	...	.. ..	..	fl-cu, hz.... ...	8
5	cu, cr-hz, nim, R,	7	cr-cu. cu-st. lg-SW,	4	cr-cu, cu-st, lg-S. ...	[illegible]	hy-cu,cr-cu,cr-st,lg-SE,SW.	6	ny-ovt, ...	7	cu, cr-cu, cr-hz, ...	4
6	do.	6	cu, cu-st, nim, ..	5	do. lg-SW, ..	4	cu,cr-cu, cr-st, hz, lg-W.	2	cu, cr-cu, cr-hz,...	4	do.	4
7	cu, cr-hz, cr-st, ...	8	cu-st, cr-st, ...	2	cu-st, cr-cu, cr-st, ...	[illegible]	cu, cr-cu, cr-st, ...	4	cu, cr-st, cr-hz, ...	3	cu, cr-st, cr-hz, ...	3
8	cu, cr-cu, cr-st, cr-hz.	6	cu-st, d-hz, ...	7	nvt, ...	[illegible]	ny-ovt, ...	7	cr-cu, hz, ...	3	cr-cu, hz, ...	2
9	cu, cr-hz, dis-th, ...	2	cu, cr-st,... ...	1	cu, cr st, lg-SW, ...	1	cu, cr st, hz, lg-SW, hl)	2	cu,cr-cu,cr-hz,viv-lg-SW	7	cu, cu-st, cr-hs, nim,	5
20	cu, cr-st, cr-hz, nim,	2	cu, cu-st, cr-hz ...	2	cu, cu-st, cr-hz, lg-S,	[illegible]	cu, cu-st, cr-st, hz, lg W,	4	cu,cu-st, cr-st,lg-SW,	4	... .	..
1	... ...	...	... ...	..	... ...	..	... ...	...	... ...	...	cu, cr-cu, cr-hz,...	7
2	ovt, ...	8	nvt, ...	8	cu, cu-st, lg-SW,	7	cu, cr-cu, cr-hz,...	6	cu, cu-st, cr-cu, cr-hz,	6	cu, cu-st, cr-cu, cr-hz,	8
3	du.	8	ny-ovt, ...	7	cu, d-hz, ...	4	cu, cr-cu, cr-hz, nim,	7	cu,cu st,cr-cu,cr hz,nim,	7	cu, cu st,cr cu,cr-hz,nim,	7
4	cu, cr, cr-hr, ...	5	cr, cr-st, d-hz, ...	7	do.	[illegible]	cu, d-hr, cr-st, ...	5	nvt, lg-NW, ...	[illegible]	cu, cr-cu, cr-hz, lg, ...	7
5	ovt, ...	8	ny-ovt, ...	8	cr-cu, d-hz, ...	7	cr-st, d-hz, lg-S,...	8	cu,cu-st,cr-cu,cr-hz,nim,lg	[illegible]	cu,cu st,cr-cu,cr-hz,nim,lg	7
6	cu, cr-hz, ...	4	cu,cr-cu,cu-st,cr,cr-hz,	6	nvt, ...	8	cu, cr-st, hz, lg-W, ...	4	cu, cu-st, cr-hz, nim,	[illegible]	cu,cu-st,cr,cr-hz,...	7
7	fl-cu, nim, lt-R, ...	8	fl-cu, nim, ...	5	cu, cr, lg-S-hor. ...	[illegible]	ny-ovt, lg-W, ...	7	cu,cu-st,cr-hz,nim,lg-NW,	6	... ...	...
8	... ...	..	... ...	...	... ..	...	.. ..	...	... ...	..	cr, cr-hz, ...	5
9	d-cr-hz, cu, ...	8	hy-cu-st, nim, ...	8	nvt, ...	8	cu, cu-st, cr-hz. nim.	6	cu, cu-st, cr-hz ...	5	cu, cu-st, cr-hz, ...	6
30	ny-ovt, ...	7	cu-st, cr-cu, nim,	7	cu-st, cr-cu, nim, lg-W	7	cu,cu st,cr-cu,cr-hz,nim,	7	cu,cu-st,cr-hz,nim,lg-SE,	7	cu,cu-st, cr-hz, nim,lg-S,	7
1	cu, cr-hz, nim, ...	6	cr-cu, cu-st, cr-st, hz,	3	cu-st, cr-st, hz, ..	4	cu, cr-st, hz, ..	4	cu, cr-st, cr-hz, ...	4	cu, cr-hz, cr-st, lg-E.	3

EXPLANATIONS OF SYMBOLS USED IN THE ABOVE TABLE.

ard......around
cld......clouds or cloudy
cr or cir...cirri or cirrio or cirrous
cu......cumuli or cumulo
D......Dew
d......dense
dis......distant
dt......detached
E......East
fg......fog
fk......forked
fl......flying
fr......frequent
g......ground
hy......heavy
hl......halo
hor......horizon
hz......haze or hazy
ld......loud
lg......lightning
lt......light
mt......meteor
N......North
nim......nimbi
ny......nearly
ovd......overhead
ovt......overcast
ps......peals
pt......part or partly or partial
R......Rain
r-b......rain-bow
S......South
sc......scattered
sh......sheet
st......stratus
th......thunder
thi......thick
v......very
viv......vivid
W......West

REMARKS ON THE WEATHER FOR THE MONTH OF JULY 1853.

Day	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Thermometers. Radiation. Sol.	Radiation. Ter.	Air. Max.	Air. Min.
1	cu, cr-hz, nim, ...	5	cu, cr-cu, d-cr-hz,	6	cu, cr-cu, d-cr-hz,	6	cu, cr-cu, d-cr-hr, ...	6	cr, d cr-hz,... ...	5	cu, cr-st, d-hz, ...	6	151·0	79·7	97·6	83·4
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	118·8	79·4	108·5	84·0
3	cu, cr-cu, cr hz,	2	cu, cr-cu, cr-hr,	3	cu, cr-cu, cr-hz, ...	4	cu, cr-cu, cr-hz, ...	6	fl-cu, cu-st, cr-hc, ...	6	fl-cu, cu-st, cr-hz,...	7	108·5	78·9	101·3	83·9
4	ovt, ...	8	ovt, ...	8	ovt, ...	8	cu, cr, cr-hz, cr-st	8	cu, cr, cr-hz, cr-st,	8	ovt, R,... ...	8	101·9	77·4	95·1	80·9
5	cu, cr-hz, ..	5	cu, cr-cu, cr-hz.	8	cu, cr-cu, cr-hz, ...	7	ovt, ...	8	cu, cr-cu, cu-st, cr-hz,	7	cu, cu-st, cr-st, hz,...	7	117·8	75·4	95·8	78·5
6	cr-cu, cr-hz, ...	7	cr-cu, cr-hz, ...	7	ny-ovt,... ...	7	do.	8	ny-ovt,... ...	7	ny-ovt, ...	7	111·3	74·7	98·9	80·3
7	cu, cr-hz, ...	5	cu, cr-hz, ...	8	cu, cr-cu, cr-hz, ...	7	cu, cr-cu, cr-hz, ...	7	cu, cr-cu, cr-hz, ...	6	cu, cu-st, cr-st, hz,	6	122·2	75·6	97·1	80·0
8	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	99·5	78·9	92·5	82·0
9	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	102·3	73·2	92·6	81·3
10	do.... ...	8	do.... ...	8	do.	8	do.	8	ny-ovt,... ..	7	cr-cu, cu-st, cr-hz	6	107·4	75·9	96·4	79·9
11	d-cr-hz,... ...	7	cu, cr-hz, ...	7	cu, cu-st, cr-cu, cr-hz,	7	cu, cu-st, cr-cu, cr-hz,	8	cu, cu-st, cr-cu, cr-hz,	7	cu, cu-st, cr-st, hr,...	6	111·7	72·9	96·0	80·6
12	cu, cr-hz, ...	5	cu, cr-hz, nim,	8	cu, cu-st, cr-hz,	8	cu, cu-st, cr-st, hz,	6	sc-cu, cu-st, ...	6	cu, cu-st, cr-st, hc,	6	111·4	74·9	97·4	81·5
13	cu, cr-hz, cr-st,...	7	cu, cr-hz,... ...	4	cu, cr-hz	6	cu, cr-cu, cr-hz, ..	5	cu, cu-st, d cr-hz,...	5	cu, cu-st, d-cr-hz, ..	6	108·5	78·9	98·6	80·8
14	cu, cr-hz, ...	2	cr-cu, cr-hz, .	7	cr-cu, cr-hz, cu,...	6	do.	5	cu cu-st, cr hc,...	6	cu, cu-st, ...	7	110·1	72·9	96·4	80·5
15	cr-cu, cr-hz, ...	2	ovt, ...	8	ovt,...	8	ovt, ...	8	ovt,...	8	ny-ovt, ...	7	112·7	75·4	95·2	83·1
16	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	118·0	76·1	98·9	83·4
17	do.	2	cu, cr-cu, cr-hz,	2	cu, cr-cu, cr-hz, ...	4	cr-hz, cr-cu, cu, ..	3	cu, cu-st, cr-cu, cr hz,	6	cu, cu-st, cr-cu, ...	5	117·4	75·1	100·9	83·2
18	ny-clear, ...	0	cu, cr-st, hz,	3	cu, cr, cr-hz,...	2	cu, cr, cr-hz,...	3	cu, cu-st, cr-st,...	3	cu, cr-st, cr-hz,...	5	117·7	74·9	100·2	82·8
19	cr-cu, cr-hz, ..	6	cr, cr-hz,... ...	6	cu, cr-hz,... ...	7	cu, cr hz, cr-st, ...	7	cu, cr-st, cr-hz, ...	6	cu, cr-st, cr-hz, ...	6	109·5	75·6	98·5	83·4
20	cr-st, cr-hz,...	1	cr-st, cr-hz, ..	8	cr, cr-hz, ...	3	cr, cr-hz, ...	5	cu, cr-st, d-cr-hz,	7	cu, cr-st, d-cr-hz, nim,	7	118·5	75·5	98·2	82·6
21	ny-ovt, ...	7	cu, cr-cu, cr-hz,	7	cu, cr, cr-hz, ...	5	cu, cr, cr-hz, ...	5	cu, cu-st, cr-hz, ...	5	cu, cu-st, cr-hz, nim,	5	121·5	75·7	100·8	83·0
22	cr-cu, cr-hz,...	4	cr-cu, cr-hz, cr-st,	7	cr-cu, cr-hz, ...	7	cu, cr-cu, cr-hz,	5	cu, cr-cu, cr-hz,	4	cu, cr-cu, cr-hz,	5	120·5	75·4	100·9	81·2
23	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	120·5	74·2	97·1	79·7
24	do	7	cu, cr-cu, cr-hc,	7	cr-cu, cr-hz, cu,	7	cr-cu, cr-hr, ..	5	cu, cr-st, cr-hz,	2	cu, cu-st, cr-hc,...	4	150·9	76·1	100·0	83·0
25	ny-ovt, ...	7	do.	3	cu, cr-cu, cr-hz, ...	1	cr-hz, cr-st, ..	1	sc cu, cr-hz, ...	2	do.	4	125·7	73·9	97·2	79·7
26	cu, hz, ...	1	cr-cu, cr-hc,	2	cr, cr-st, ...	1	cr-hz, cu, ...	2	cr-cu, cr-st, hc,...	3	cu, cr-cu, cr-hz,	4	150·3	73·7	96·3	80·8
27	cr-cu, cr-hz, ...	4	cr-st, cr-hz, ...	5	cu, cr, cr-hc, ...	6	cr-st, cr-hz,... ...	5	cu, cr-hz, cr, ...	3	do.	5	133·7	75·4	95·0	80·5
28	do.	5	cr-cu, cr-hz,	5	cr, hz,... ...	1	cr-hz.	0	cu, cr, cr-hz, ...	5	cu, cu-st, cr-hr,...	5	141·7	74·1	96·5	81·0
29	cu, cr-hz, ...	4	cr-hz, cr-st, ...	2	cr, cr-hz, ...	1	cr-cu, hz, ...	1	cu, cu-st, cr-hz, ...	4	cu, cr-hz, nim, ...	4	150·7	73·9	96·7	80·8
30	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	133·9	75·9	96·5	81·3
31	do.... ...	3	cu, cr-cu, cr-hz	4	cu, cr-cu, cr hz, ..	6	cu, cr-cu, cr-hz, ...	6	d-cr-hz, cu, ...	5	d-cr-hz, cu, ...	6	136·5	78·1	97·9	81·8

REMARKS ON THE WEATHER FOR THE MONTH OF AUGUST 1853.

Day	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Thermometers. Radiation. Sol.	Radiation. Ter.	Air. Max.	Air. Min.
1	fl cu, cr, cr-hz,...	7	ny-ovt, ...	7	ny-ovt, ...	7	cu, cr, cr-hz, cr-st,	5	cr-hz, cr-cu, ...	7	cu, cr-hz, ...	4	136·5	78·4	96·5	83·0
2	cu, cr-hz, ...	2	cu, cr-cu, cr-st,	4	cr-cu, cu-st, ...	5	cr-st, cr-hr, ...	2	cu, hz,... ...	5	do. nim, ...	5	135·0	74·9	96·0	79·1
3	sc cu, cr-hc, ...	3	cu, cr-hc, ...	1	cr-hz, cr-st, ..	5	cr, cr-st, cr-hz,	2	cr-cu, cr-st, hz,	2	cu, hz,... ...	2	133·5	75·7	97·1	80·0
4	cu, cr, cr hz,	4	cu, cr-cu, cr-hz,	5	cu, cr, cr-hz, cr-st,	6	cr, d-cr-hz, ..	6	cu, cr hz, cr-st, ...	5	cu, cr-hz, cr-st, ...	4	150·5	75·9	96·9	81·4
5	ovt, lg-E, ...	5	cu, cu-st, cr-hz.	6	cu, cr-cu, d-cr-hz,	6	cu, cu-st, cr, cr-st,	6	cu, cr-hz, ...	3	cu, cr-hz, ...	3	132·0	78·6	93·6	81·6
6	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	152·3	75·9	95·8	79·0
7	ny-ovt, ...	7	cr-cu, cr-st, d-cr-hz,	5	cr, cr-st, d-hz,	5	cr-cu, cr-hz, ...	4	do-	7	do.... ...	7	134·5	78·2	96·8	80·8
8	cu, cr, cr hz,	2	cu, cr, cr-st, ..	3	cr, cr-hz, cr-st, ...	5	cu, cr, cr-hr, cr-st,	5	cu, cs, cr-hz, cr-st,	3	do. nim, lt-R, ...	4	140·5	78·8	97·4	82·0
9	fl-cu, cr-hz, ...	5	fl-cu, cu-st, cr-hz,	6	cu, d-cr-hz, ...	8	cu, d-cr-hz, ...	6	ovt, ...	8	ovt, ...	8	123·5	76·5	90·7	78·7
10	ovt, dis-th, lg-S,	8	ovt, lt-R, ...	8	ovt, lt-R, ...	8	ovt, ...	8	do.	8	do.	8	112·5	75·1	89·3	76·6
11	do.	8	cu, cr-cu, cr-hz,	6	cu, cr, cr-st, cr-hz,	6	cu, cr-cu, cr st, ...	5	do.	6	do.	8	118·5	74·9	91·0	78·5
12	clear, ...	0	clear, ...	0	ny-clear, ...	0	sc-cu, ...	2	sc-cu, ...	2	sc-cu, ...	2	135·5	74·5	95·0	77·7
13	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	104·7	75·4	91·8	80·2
14	cu, cr-hz, ...	2	cr, cr-st, cr-hc,	2	cu, cu-st, cr, cr-hz, nim	7	cu, cr-cu, cr, cr-st,	4	cu, cr-cu, hz, ..	5	cu, cr-hz, nim, ...	7	130·5	76·0	95·4	80·6
15	cu, cr-cu, cr-hz,	3	cr-cu, cr-hz, ..	6	cr-cu, cr-hz, ..	6	fl-cu, cu-st, cr-hz,	5	cu, cr-hz, cr-st, ...	5	do.... ...	5	134·5	75·9	96·4	80·3
16	cu, hz, ...	1	cu, cr, cr-hz, nim,	4	cu, cr-cu, cr-hz	5	ny-ovt, ...	7	ny-ovt, ..	7	cu, cr-hz, cr-st, .	5	152·2	74·9	91·3	78·0
17	cu, cr-cu, cr-hz,	3	cr, cr-hc, ...	2	cr-cu, cr-st, cr-hz,	8	cu, cu-st, cr, cr-hc,	6	do.	7	ny-ovt, ...	7	132·3	78·4	92·0	79·5
18	cu, hz, D. ..	2	cu, cr-cu, ...	2	cu, cr-cu, cr-hz, ...	3	cu, cu-st, ...	3	cu, hz, ...	5	cu, cr-hz, nim, th-W,	2	141·0	74·1	91·7	78·5
19	cu, cu-st, nim, fr-th, lg [illegible]	8	cu, cr, cr-hc, ...	5	cr, cr-hz, cr-st,	5	cr, cr-hz, cr-st,	5	cu, cr-hz, nim, ...	5	cu, cr-hz, nim, th-W,	3	154·5	77·3	96·3	80·5
20	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	152·5	75·8	96·8	79·5
21	cu, cr cu, cr-hz,	6	cu, cr-cu, cr-hz,	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	110·5	75·1	89·7	79·7
22	ovt, ...	8	ovt, ...	8	do.	8	do.	8	do.	8	ny-ovt, ...	7	111·5	77·1	92·8	80·1
23	do. ...	8	do.	8	cu, cu st, cr, cr-hz,	7	cu, cu-st, cr, cr-hz,	7	do.	8	cu, cr, cr-hz, ...	6	120·5	76·8	95·3	82·5
24	cu, cr-cu, cr-hz,	7	cu, cr-cu, cr-hc,	6	ny-ovt, ...	7	ny ovt, ...	7	do.	8	ovt, ...	8	105·5	75·7	91·1	80·7
25	ovt, ...	8	cu, cr, cr-st, cr-hz,	6	cu, cr-cu, cr-hz,	4	cu, cr-cu, cr-hz,	2	cu, cu-st, ...	5	cu, cr-hz, nim,...	8	140·5	75·9	96·0	81·7
26	do.	8	cr-cu, cu, ..	3	cu, cr, cr-st, hc, ...	3	cu-st, cr-hz, ...	4	cu, cr-hz, cr-cu,	5	d-cr-hz, cu, ...	7	123·0	73·4	96·7	79·7
27	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	140·0	[illegible]	99·6	79·3
28	do. ...	8	ny-ovt, ...	7	ovt, ...	[illegible]	cu, cu-st, cr-hz, ...	7	d-cr-hz, cu, ...	7	do.	8	110·5	77·1	94·7	83·1
29	do.	4	cu, cr-st, cr-hz,	8	do.	[illegible]	ny-ovt, ...	7	ovt, ...	8	ovt, ...	[illegible]	108·5	79·1	95·4	82·7
30	cu, cr, cr st, cr-hr,	6	cu, cr, cr-hr, ..	5	cr-cu, cr-hc, ...	[illegible]	fl-cu, cr-hz, ...	6	cu, cr, cr-hz, ...	4	cu, cr-hz, nim, ...	[illegible]	120·5	77·8	97·0	81·7
31	cu, cr, cr hz, .	5	cr-cu, cr-st, cr-hc,	4	cr-st, cr-hz, cu,	[illegible]	cr-st, cr hc, cu,	4	fl cu, cr-hz, ...	7	fl-cu, cr-hz ..	[illegible]	117·0	78·9	97·8	82·0

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- aud ..... around
- cld ..... clouds or cloudy
- cr or cir ..... cirrus cirro or cirrous
- cu ..... cumuli or cumulo
- D ..... Dew
- d ..... dense
- dis ..... distant
- dt ..... detached
- E ..... East
- fg ..... fog
- fk ..... forked
- fl ..... flying
- fr ..... frequent
- g ..... ground
- hy ..... heavy
- hl ..... halo
- hor ..... horizon
- hz ..... haze or hazy
- ld ..... loud
- lg ..... lightning
- lt ..... light
- mt ..... meteor
- N ..... North
- nim ..... nimbi
- ny ..... nearly
- ovd ..... overhead
- ovt ..... overcast
- pa ..... pale
- pt ..... part or partly or partial
- R ..... Rain
- r-b ..... rain bow
- S ..... South
- sc ..... scattered
- sh ..... sheet
- st ..... stratus
- th ..... thunder
- thk ..... thick
- v ..... very
- vir ..... [illegible]
- W ..... West

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REMARKS ON THE WEATHER FOR THE MONTH OF SEPTEMBER 1853.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	fl-cu, cu-st, nim, ...	7	cr-cu, cu-st, hc, ...	7	ny-ovt, ...	8	ny-ovt, ...	7	cu, hz-hor, ...	1	cu, hz-hor, ...	2
2	fl cu, cu-st, cr-hz,	7	fl-cu, cu-st, cr-hz,	7	fl cu, cu-st, cr-hz, ...	7	cu, nim, ...	2	su, nim, ...	3	cu, cr-hc-hor, ...	2
3	su, cu-st, cr, cc-hz, nim,	7	cu, cr st, d-hz, ..	b	su, cr-st, hz, ...	4	cu, hz, ...	4	cu, cr-hz, nim, ...	5	... .	.
4	... ...	.	... ...	..	... ...	.	... ...	..	... ...	..	cu, cu-st, cr-hz, nim,	8
5	cu, cr-hz, ...	2	co, cu-st, cr-cu, cr-hz,	4	cu, hz, ...	2	do	4	ovt, nim, ...	8	ovt, nim, ...	8
6	cr, cr-hz, cu, ...	4	su, cu-st, sr st, hz, ...	4	fl-cu, cc-st, hz, sh-lg-SW	3	cu, cu-st, hz, ...	6	cu, cr-hz, nim, ...	7	cu, cr-hz, nim, fr-sh-lg-S	6
7	cu, cr-cu, cr-hz, ...	5	cu, cu-st, cr-cu, hz, ..	7	fl-cu, cr-st, hz, ...	4	cu, cu st, ...	3	cu, hz, ...	2	cr-cu, cr-hr, ...	6
8	su, cr, cr-hz, ...	5	cu-st, cr, hz, lg SW,	2	cr-st, d-hz, lg-SW,	4	cr-st, d hz, ...	b	cu, cr-hz, ...	6	cu, cr-hr, fr-sh-lg-SW,	7
9	cu, cu-st, cr-hr, nim, ..	6	cu, cr-st, hz, ...	3	cu, cr-st, d-hz, sh-lg-W,	3	su, cu-st, cr-hz, ...	5	do.	2	co, cr-hz, ...	8
10	cr, cr-hz, cu, ...	5	fl-cu, cu-st, d-hz, ...	6	cu, d-hz, ...	5	d-cr-hc, cu, ...	7	d-cr-hz, co, ...	3	... ...	
1	... ...	..	... .	..	... ...	..	... ...	..	.. ..	..	cu, cr cu, cr-hz, fr sh-lg-SW,	5
2	fl-cu, cr-hz, ...	4	su, cu-st, cr-st, d-hz, hl-☽	5	hy-cu, nim, hz, lt R,	7	cu, cr-hc, nim. ...	8	cu, cr hz, nim, ...	8	cu, cc hz, nim, sh-lg SE,	3
3	cu, cu-st, cr, cr-hz, ...	4	cu-W-hor, ...	1	cu-W-hor, lg-SW, ...	1	fl cu, cr-cu, cu-st, ...	4	ovt, sh-lg-SE, ..	8	sc, sr-hz, do. ...	2
4	cu, cr, cr-hz, ...	4	fl-cu, cr-st, hz, ...	2	cr-cu, cr st, hr, ..	2	cu-st, cr-cu, ...	3	cr-cu, hz, ...	1	clear, ...	0
5	fl cu, cu-st, nim, ...	6	cu, cu-st, cr-st, hc, lg-W,	7	cu, cu-st, cr-st, hz, lg-W,	7	cr-cu, cr-hz, sh-lg-SW,	6	cu, cr-hr, ...	3	cu, cr-hz, ...	1
6	cu, nim, ...	6	ny-ovt, th, lg-S, SW,	8	ny-ovt, lt-R, lg-W,	7	cu, cr-hz, cr-st, ...	2	cr-cu, cr-hz, ...	5	cr-cu, cr-hz, ...	7
7	cu, cu-st, nim, dis-th-W,	6	cu, cr-cu, cr-st, hz, lg W,	7	cu, cu-st, cr-hz, lg-SW,	5	cu, cr-su, hc, ...	2	cu, cr-cu, hz, ...	6	... ...	.
8	... .	.	... .	..	... ...	..	... ...	..	... ...	..	cu, cu-st, cr-hz, ...	4
9	cu, cu st, cr-hz, nim, dis-th-SW,	7	cu, cu-st, cr st, d-hz, sh-lg-N	6	cu, cr-cu, cr-st, hz, ...	4	d-cr-hz, cu, ...	5	cu, d-cr-hz, ...	5	cu, d-cr-hz, ...	7
20	ovt, hy-R, fr-th, ...	8	ovt, lg-SW, ...	8	ovt, ...	8	ovt, ...	8	ny-ovt, ...	7	ny-ovt, ...	7
1	cr, cr-hz, cu, ...	7	cu, cr-st, d-hz, sh-lg-S,	5	ny-ovt, sh-lg-S, NW,	8	do. sh-lg-NW, ...	8	ovt, ...	8	ovt, sh-lg-NW, ...	6
2	ovt, ...	8	ovt, ...	8	ovt, sh-lg-S, W, ...	8	ny-ovt, viv-sh-lg-N, SW,	7	cr-cu, cr-hz, sh-lg-NW,	7	cr cu, cr-hz, sh-lg-NW,	7
3	cu, cu-st, cr, cr-hr, ...	7	ny-ovt, sh-lg-W, .	7	do, sh-lg-W, ...	8	ovt, sh-lg-SW,	8	ovt, ...	8	ovt, ...	8
4	cu, cr, cr-hz, nim,	7	cu, cu-st, cr, viv lg, th W, NW	4	hy-cu, nim, fr-viv-lg, th,	5	cu, cr-hz, nim, fr-viv-lg-NW	5	cr-cu, cr hz, nim, fr-viv-lg NW	8	... .	.
5	... .	..	... .	...	... ...	..	.. ..	..	... ...	..	cr-st, cr-hz, ...	3
6	fl-cu, cu st, nim, ...	7	ovt, lt-R, viv-lg, th-S,	8	ny-ovt, sh-lg S, ...	7	ny-ovt, ...	7	cr-hz, cu, ...	2	cr-hc, ...	1
7	cu, cu-st, cr-hz, nim, ...	6	cu, cc-st, nim, lg-S, SW,	4	cu, cu-st, nim, lg-SW, ...	3	cu, cu-st, d hz, ...	4	d-cr-hc, ...	4	d-cr-hz, ...	2
8	fl cu, nim, dis-th, ...	8	su, cu-st, cr-st, hz, sh-lg S	3	cu, cr-hz, sh-l-g-S, ...	2	cu, cr-st, lt-hz, lg-S, ..	1	cu, cc-hz, sh-lg-S, ...	7	su, cr-hz, ...	2
9	fl-cu, cu-st, cr-hz, ...	7	cu, cu-st, cr-st, hc, lg-S,	4	cu, hz, ...	1	cr-cu, hz, ...	4	cu, cr-hc, ...	3	cu, cim-hor, fr sh lg NW,	2
30	cu, cu-st, cr-hz, nim,	7	cu, cu-st, cr-st, d-hz, ...	6	cu, sr-st, d-hz, ...	6	ny-ovt, ...	8	ovt, sh-lg-N, ...	8	ovt, lt-R, sh-lg-NE,	6

REMARKS ON THE WEATHER FOR THE MONTH OF OCTOBER 1853.

Date.	NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	ovt, ...	8	cr-st, d-hz, ...	5	cr-st, cr-hz, ...	8	cu, cr-st, d-hz, lg-N,	6	cr, cr-hz, cr st, sh lg-NE,	3	.. ..	.
2	... ...	...	... .	...	... ...	...	... ...	...	... ...	...	ovt, fr-sh-lg-SE,	[illegible]
3	cu, cr-cu, d-cr hz, ...	6	cu, cr-cu, hz, sh-lg-N,	5	cu, cr-st, sr-hz, ..	4	ovt, fr-sh-lg-SE,	8	cu, cr-su, cr-hz, ...	5	cr, cr-hz, cu. ..	[illegible]
4	hy-cu, cu st, cr hz, nim, lt-R,	8	ovt, lt-R, ...	8	cu, cu-st, cr-hz, sh-lg-E,	6	cu, ro-st, d-hz, lg-E,	5	clear, ...	0	cr, cr-hz, cu, sh-lg-NW,	[illegible]
5	cu, d-cr-hz, nim, ..	7	cu, cr-hz, ...	6	cu, cr-hz, ...	7	cu, cr-st, d-hz, ...	4	cr, cr-st, d-hz, ...	3	cr, cr hz, ...	[illegible]
6	cr-cu, cu st, d-cr-hz,	4	cr-st, cr-hz, ...	2	cr-st, cr-hz, ...	3	cr-st, d-hz, ...	4	cr, cr-hz, cr-st, ...	3	sr, d-hz, ...	[illegible]
7	cr-cu, cr-st, cr-hz ...	6	cr, cu-st, cr-hz, lg-SW,	2	cr-hz, cr-st, ...	2	cu, cu-st, hz, ...	2	clear.	0	cu, cr, cr-st, ...	[illegible]
8	cu, cr-cu, sr-st, cr-hz,	6	cr-cu, cu-st, cr-hz, ...	3	cu, cu-st, lt-hz, ...	2	fl-cu, hz, ...	2	sc-cu, hz, sh-lg-SW,	1	... .	.
9	... .	..	... ...	...	... ...	..	... .	...	... ...	...	ny-clear, ...	[illegible]
10	cr-cu, cr, cr-st, cu,	6	cu, cr-st, cr-hz, hl-☽	5	cu, cr-cu, cr-st, cr-hc,	5	ovt, ...	8	cu, cu st, cr-hz, nim,	4	cu, cr-st, cr-hz, ...	[illegible]
1	cu, cr-cu, cr. d-cr-hz,	6	cu, cr-cu, cr-st, cr-hz, lg-NW,	3	cu, cr-st, cr-hz, lg-NW,	2	cu, cr-st, ...	1	cu-hor, ...	1	ny-clear, ...	[illegible]
2	cu, cu-st, cr-st, ...	1	ny clear, ...	0	cr, cr-st, ...	1	cr, cr-st, ...	1	cr, sr-hz, ...	1	cr, sr-st, cr-hz, ...	[illegible]
3	cr-cu, cr, cr hz, ...	3	cu-st, cr-st, hz, ...	2	cr, cr-st, cr-hz, ...	8	cr, cr-st, hz, ...	2	ny-clear, ...	0	cr-cu, cr-st, ...	[illegible]
4	cr-cu, cr-hz, ...	2	ny-clear, ...	0	ny-clear, ...	0	cu, cr cu, ...	1	clear, ...	0	clear, ...	[illegible]
5	sc-cu, cr-hz, ...	1	hz-hor, ...	1	sc-cu, su-st, ...	1	cu, cr-st, hz, ...	2	do.	0	... ...	.
6	... ...	...	... ...	...	... ...	...	... ...	...	... ...	.	ny-ovt, R, ...	[illegible]
7	cu, cr-st, cr hz ...	3	cu, cr-st, cr-hz, ...	2	cu, cr-st, cr-hz, ...	3	cu, cr-st, hz, hl-☽ ..	4	cr, cr-hz, ...	3	cr, cr-hc. su, ...	[illegible]
8	cu, su-st, cr-hz, nim,	5	hy-cu, nim, ...	7	cu-st, cr, cr-st, hz, ...	7	cu, cu-st, cr, cr-st,	7	cu, cr, cr-st, ...	7	hy-cu, cr, cr-st, ...	[illegible]
9	cu, cu-st, cr-hz, ...	6	cu-st, lt-hz, ..	1	cu-st, cr-st, cr-hz,	3	cu, cr-st, hz, lg-SW,	4	cu, cr, cr-hz, ...	3	cr, cr-st, ...	[illegible]
20	cu, cr-cu, sr-hz, ...	7	cu, cr-hz, ...	4	cu, cr-st, hz, ...	5	cu, cu-st, cr cu, hz, ...	5	ny-ovt, ...	7	ny-ovt, lt-R, ...	[illegible]
1	ny-ovt, ...	7	cu, cu-st, ...	7	ovt, ...	8	ovt, ...	8	ovt, hy-R, th, ...	8	ovt, ...	[illegible]
2	cu, cu-st, cr-hz, nim,	6	cu-st, cr-st, cr-hr, lg-W,	3	cu, cu-st, cr-hz, sh-lg-W	4	cu, cr, cr-hz, nim, ...	6	cu, cr, cr-hz, ..	3	... ...	.
3	... ...	...	... ...	...	.. ..	...	... .	...	... ...	..	hy-cu, cu-st-hor, ...	[illegible]
4	fl cu, cu-st, cr-hr, nim,	6	fl-cu, cu-st, cr-hz,	3	fl-cu, cu-st, cr-hz, lg-W,	3	fl-cu, cu st, sh-lg-W,	4	ny-ovt, hy-R, lg-NE,	7	sc-cu, hc, lg-N. ...	[illegible]
5	sc-cu, cu-st, cr-hz, ...	3	ny-clear, ...	0	ny-clear, lg S, ..	0	cu, ...	1	sc cu, ...	1	cu, cu st, ...	[illegible]
6	fl-cu, cu-st, cr-hz, nim,	5	hy-cu, cu-st, nim,	6	fl cu, cu-st, ...	5	fl-cu, hz, nim, ...	3	fl cu, cu-st, ...	6	fl-cu, cu-st, ...	[illegible]
7	sc-cu, cu-st. cr-hz, ..	3	ny-clear, ...	0	clear, ...	0	fl cu, ...	1	sc cu, hz, . ..	0	cu-hor, ...	[illegible]
8	ovt, ...	8	cu, cu-st. cr-hz, lg NW,	5	cu-st, cr, nim, viv-lg-S,	5	cu, nim, viv-lg-E-hor,	6	ovt, lt-R, sh lg E,	8	ovt, lt-R, ...	[illegible]
9	ny-ovt, th, ...	7	ovt, lt-R.	8	ovt, ...	8	ovt, ...	8	do, ...	8	.. ..	.
30	... ...	.	... ...	..	... ...	...	... ...	...	... ...	..	do. lt R, ...	[illegible]
1	ovt, ...	8	do, th, lg, ...	8	do.	8	do. hy-R, ...	8	cu, cr-hz, nim, .	3	cu cr-hz, R, ...	[illegible]

EXPLANATIONS OF SYMBOLS USED IN THE ABOVE TABLE.

Symbol	Meaning
ard	around
cld	clouds or cloudy
cr or cir	cirri or cirro or cirrous
cu	cumuli or cumulo
D	Dew
d	dense
dis	distant
dt	detached
E	East
fg	fog
fk	forked
fl	flying
fr	frequent
g	ground
hy	heavy
hl	halo
hor	horizon
hz	haze or hazy
ld	loud
lg	lightning
lt	light
mt	meteor
N	North
nim	nimbi
ny	nearly
ovd	overhead
ovt	overcast
pa	peals
pt	part or partly or partial
R	Rain
r b	rain bow
S	South
sc	scattered
sh	sheet
st	stratus
th	thunder
thk	thick
v	very
viv	vivid
W	West

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REMARKS ON THE WEATHER FOR THE MONTH OF SEPTEMBER 1853.

Date.	13	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Thermometers. Radiation. Sol.	Radiation. Ter.	Air. Max.	Air. Min.
1	cu, cr-hz, ...	2	cu,cr-cu,cr-st, cr-hz,	4	cr-hr, cr-st, cu, ...	4	cr-cu,cr-st,cr-hz, ...	4	cu,cu-st,cr,cr-hz, ...	6	fl-cu,cu-st,cr-hz, ...	5	122·0	77·5	99·7	82·8
2	do. hor, ...	2	cr-cu, cr-st, cr-hz,	3	cr-cu,cr-st,cr-hz,	2	cr-cu,cr-st-cr-hz,	2	cr,cr-hz,cu, ...	4	cr,cr-hz,cu, ...	5	124·7	76·9	100·4	82·1
3	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	129·0	78·4	98·9	82·9
4	cu,cr-cu, cr-hz,	4	do.... ...	2	do	1	cr-st, cr-hr, ...	2	cu,hz,... ...	2	cu,cr hz,... ..	5	141·0	77·7	98·0	82·8
5	ovt, R, ...	8	ovt, r-b-W, ...	8	oy-ovt, ...	7	cu, cr, cr-hz, ...	6	cu,cr-cu,cr-hz, ...	6	cu,cu-st,cr-hz, ...	5	136·5	79·2	99·1	81·6
6	do,fr-sh-lg-W,E,	8	do, lt-R, th SW,	8	ovt,R,... ...	8	ovt,lt-R,... ...	8	oy-ovt,... ...	7	oy-ovt,... ...	7	111·3	76·2	89·1	78·3
7	cu,cr-st,cr-hz, ...	6	cu,cu-st,cr-hz, ...	4	cr-cu, cr-hz, cr-st,...	5	cu, cr-cu, cr-hz, ...	4	cu,cu-st,cr,cr-hz, ..	4	fl cu,cu-st,... ...	6	144·5	76·3	94·4	80·6
8	cu,cr-cu, d-cr-hz,fr-sh-	6	cr-hz,cu, ...	6	cu,cr-hz, nim,...	7	do.	7	cu,cu-st,cr-hz,nim,th-NW	5	hz-cu,cu-st cr hz,fr-th-NW	7	129·0	R	92·8	80·5
9	ovt, ... [lg-SW	8	ovt, ...	8	cu, cu-st,cr, cr-hz,..	7	cu, cu-st,cr,cr-hz,...	7	cu,cu st,cr,cr-hz, ...	7	cr,cr-hz,cu, [hz-R.	6	127·3	80·1	93·7	81·4
10	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... .	...	128·3	75·9	95·0	79·[illegible]
1	cu,cu-st,cr-hz, nim, fr-	7	cu, cr-hz, nim,..	7	cu,cr hz,nim, ...	7	cu,cu-st,cr-cu,cr-hz,	7	cu,cu-st,cr-cu,cr-hz,	6	cu,cu-st,cr-cu,cr-hz,	8	136·0	77·9	94·9	82·2
2	cr-st,cr-hz, [sh-lg-E,S,	1	cr-cu,cr-st,...	2	cr-cu, cr-st-hor,	2	cr-cu,cr-hz, ..	2	fl-cu,cr-hz, ...	4	fl-cu,cr-hz,nim, ...	6	142·0	74·2	94·4	80·4
3	cu,cu-st, cr-hz, nim,	7	cu,cu-st,cr-cu, cr-hz,	7	cu,cr-cu,cr-he, ..	3	sc-cu, ...	3	fl-cu,cu-st,cr-hz,	5	3 cu, cu-st, cr-hz,	6	143·0	76·2	92·9	82·1
4	cr-st,cr-hz, [sh lg-SE,	1	cu,cr-st-hor,...	1	cu, hz-hor, ...	2	cu,hz-hor, ...	2	do.	5	6-cu,cu st, nim, ...	6	147·0	74·3	95·5	61·2
5	cr-cu,cr-hz, ...	2	cr-cu,cr-hz, ..	2	cr-cu,cr-st-hor, ...	1	cu, cr-cu, cr-hz-hor,	2	fl-cu, ...	5	ovt,hy-R, ...	6	137·3	78·9	97·3	79·5
6	cu,cr-cu, cr-hz, nim,	7	cr-cu,cr-st, ..	3	cr-st, hz, ...	1	cr-cu,cr-hz-hor, ...	2	cu,cu-st,nim, ..	3	cu,cu-st, hz,... ..	4	134·2	78·6	92·0	79·3
7	... ... [lg-SW	...	... .	...	... ...	...	... ...	...	... ...	...	... ...	...	140·4	74·9	93·2	79·7
8	cu, cu-st, cr-cu, cr-hz	8	cu,cu-st,cr-cu,cr-hz,lg	5	cr-cu,cr-hz, ...	7	cu,cu-st,cr-cu,cr-hz,	7	cu,cr,cr-hz,cr-st, ...	6	cu,cu-st, cr,cr-hz,nim,	6	132·0	76·1	93·9	81·0
9	cu, cu-st, d-cr-hz, lg-	7	ovt, nim, .. [sh.	6	ovt, lt-R, ...	8	ny-ovt,... ...	7	cu,cu-st,cr,cr-st,	6	fl-cu,cu-st,nim, ...	6	130·0	73·9	94·1	76·2
20	ny-ovt, ... [NW,	7	cr-cu,cr-st, cr-hz,	4	cu,cr-cu,cr-hz,...	4	cu,cr-cu,cr-hz, ..	2	fl-cu,cu-st,...	3	fl-cu,cu-st,cr-hz,	8	143·0	75·7	93·6	78·6
1	cu,cr-cu,cr-hz,	8	cr-cu,cr-hz,cu,	8	ovt,.. ...	8	ovt, ...	8	ovt, ...	8	ny-ovt, ...	7	ovt.	R	91·4	79·9
2	ny-ovt,sh-lg-N, SW,	7	ovt, ...	8	cu,cr-cu,cr-hz,...	4	cu,cr-cu,cr-hz, ...	7	cu,cu-st,cr,cr-hz, ...	5	cu,cu-st,cr,cr-hz,	7	129·2	74·9	93·2	79·0
3	cu, cr-cu, d-hz,	6	ny-ovt, ...	7	ny-ovt, ...	7	cr-cu,cr-st,cr-hz,	7	cr-cu,cr-st,cr-hz,	7	cu, cu-st, cr, cr-hz, nim, fr-th,	7	138·2	75·1	92·2	80·5
4	... .	...	... .	...	... ...	...	... ...	...	... ...	...	... ...	...	162·0	72·9	95·2	76·6
5	cr-cu, cr-st, cr-hz,	4	cr-cu,cr-st, cr-hz,	4	cr-cu,cr-st,cr-hz, ...	3	cr-cu,cr-st,cr-hz,	3	cu,cu-st,cr,cr-hz,	5	fl cu, cu-st, hz, ..	6	129·7	74·8	97·2	79·3
6	cr, cr-hz, ...	1	do.	3	do.	3	cr, cr-st, cr-hz, ...	3	sc cu,hz, ...	1	cu,cu-st,cr-hz, ..	2	127·3	75·0	93·9	80·2
7	d-cr-hz,... ...	2	cr-cu, d-cr-hz,	3	do.	4	cr-cu,cr-st,cr-hz,	3	cu,cu-st,cr-hz,...	6	fl-cu,cu-st,nim,lt-R,	7	130·7	76·7	100·0	81·1
8	cu,cu-st,cr-cu,cr-hz.	4	cu, cr-hz-hor, ...	2	cu,cr-hz-hor, ...	2	do.	2	fl-cu,cu-st,nim, ...	4	fl-cu,cu-st,nim,...	8	133·0	76·9	97·0	80·9
9	cu,cu-st, cr-hz, nim, sh-lg-	4	cr-cu,cr-hz,...	3	cr-cu, cr-hz, ...	3	do.	3	cu,cr, cr-hz, ...	3	cu,cr,cr-hz, ...	3	140·6	76·1	99·0	80·8
30	ovt,lt-R,sh-lg,NW, [NW.	8	cu,cu-st,cr-cu, cr-hz,	5	cr-st,cr,cr-hz,...	4	cr-hz,cr,cr-cu, ...	0	d-cr-hz,cr-cu, ..	7	d-cr-hz, cr-cu,...	7	134·9	79·3	95·0	79·3

REMARKS ON THE WEATHER FOR THE MONTH OF OCTOBER 1853.

Date.	13	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Radiation. Sol.	Radiation. Ter.	Air. Max.	Air. Min.
1	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	127·5	76·7	93·8	79·9
2	ovt, sh-lg, S, ...	6	ovt, ...	8	d-cr-hz, cr, cu, ...	4	d-cr-hz, cr-cu, ...	8	d-cr-hz, cr-cu, ..	5	cu,cu-st,cr-cu cr-hz,nim	7	132·0	76·0	96·0	80·0
3	cu, cr-hz, ..	2	cu, cr-cu, cr-st,	8	cu, cr-st, cr-he.	3	cu, cr-hz, ...	8	cu, cu-st, cr-hz,nim,	5	cu cu-st,cr-hz, nim,	7	135·7	76·1	96·6	81·7
4	d-cr-hz, cu, ...	6	ovt, ...	8	ovt, ...	8	d-cr-hz, cu, ...	7	d-cr-hz, cu, ...	6	d-cr-hz, cu, ...	7	116·2	75·1	94·6	80·2
5	cu, cr-hz, nim,	8	cu, cr-st, cr-hz,	7	cr-cu, cr-hz, cu,	6	cr-cu, cr hz, ...	5	cu, cr-cu, d-cr-hz,	6	cu, cr-cu, d cr-hz,	5	118·7	73·8	87·1	81·4
6	ny-clear, ...	0	cr-hz, cr-st, ..	3	cr-st, cr-hz, ...	3	cr-st, cr-hz, ...	2	cu, cr-hz, cr-st, ...	3	cu, cr-hz, cr-st, ...	3	144·3	75·1	93·0	80·2
7	fl-cu, ...	2	cr, cr-hz, ...	1	sc-cu, hz, ...	1	sc-cu, hz, ...	3	cu, cu-st, cr, cr-st,	3	cu, cr-st, cr-hz.	8	140·5	73·9	92·9	79·4
8	... .	...	... ...	...	... ...	...	... ...	...	... .	...	... ...	...	125·8	74·1	90·9	80·0
9	cy-clear, ...	0	cu, cu-st, cr-st,	3	sc-cu, cu-st, cr,	4	hy-cu, cu-st, cr-st,	3	cu, cu-st, cr-he,	6	cu, cu-st, cr-hz,	6	147·3	75·4	91·2	79·3
10	cu, cr-cu, cr-hr,	3	cu, cr-cu,cr-st,hz,	5	d-cr-hz, cr, cr-cu,	5	cu, d-cr-hz, cr-st,...	7	cu, cr-st, cr, ..	4	cu, cr, cr-st, ...	6	123·0	76·2	91·5	79·8
1	clear, ...	0	clear, ...	0	sc-cu, ...	1	fl-cu, ...	1	cu, cu-st, ...	2	cu, cu st, ...	1	141·5	71·4	92·0	78·4
2	do. ...	0	cr, cr-st, ...	1	cu, cu-st, ...	2	cu, hz, cr-st, ...	1	cr-cu, cr-he, ..	2	cr cu, cr hz, ...	3	137·7	71·4	91·0	77·3
3	ny-clear, ..	0	cr-st, cr-he, ...	1	cu, hz, ...	1	cu, hz, ...	1	cu, hz, ...	1	cu, cr, cr-hz, ...	2	145·6	70·9	92·0	77·4
4	clear, ...	0	do. ..	2	do.	2	do.	2	sc-cu, cu st, cr-hz,	3	sc-cu, cu-st, cr-hz,	2	138·6	70·3	90·3	76·0
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	140·3	74·4	89·2	76·5
6	cy-ovt, ...	7	cu, cr-cu cr-hz,	6	cu, cr-cu, cr, cr-hz,	4	fl-cu, cr-hz, ...	4	fl-cu, cr-hz, ...	3	sc-cu, cr-he, ..	3	140·8	76·9	88·8	78·7
7	cr, cr-hz, cu, ..	3	cr-hz, cr-st, ..	6	cu, cu-st, cr-hz, ...	4	cu, cr-st, ...	2	cu, cu-st, cr-hz, ...	6	cu, cu-st, cr-hz, ...	2	140·7	74·9	90·0	78·0
8	cr-cu, cu, cr-hz,	7	cu, cr-cu, cr-hz,	7	cr-st, cr-he, cu,	5	cu, cu-st, cr-hz,nim,	5	cu,cu st,cr-hz,nim,R.	7	ny ovt, ...	7	140·3	77·0	81·0	80·6
9	cr-hz, cr-st, ...	2	cr, cu, cr-hz, ...	5	cr-cu, cr-st, hz, ...	6	cu, cr, d-hz, ..	6	cu, cu-st, d-cr, hz,...	7	cu, cu-st, d-cr-hz,...	7	135·5	77·0	89·0	77·0
20	ny-ovt, lt-R,	8	ovt, lt-R, ...	8	ovt, lt-R, ..	8	ovt, R, ...	8	ovt, lt-R, ...	8	ovt, ...	8	ovt.	77·1	83·6	75·8
1	ovt, ...	8	cu,cr-hz,cr-st,nim	7	cu,cr-he,cr-st,nim,	6	cu, cr-he, cr, nim,...	7	cu, cr, d-cr-hz, nim,	7	do. hy R, th, ...	8	109·5	73·0	81·7	75·0
2	... ...	...	... ...	...	... .	...	... ..	...	... ...	...	... ..	...	122·0	74·7	87·2	76·3
3	cu, cu-st, nim, ...	5	6 cu, cu st,nim,lt-	5	fl-cu, cu-st, nim,R,	5	cu, cr-hz, nim, R,...	5	fl-cu,cu-st,cr-hz,nim	5	5-cu,cu st,cr-hz,nim,	4	128·3	74·9	88·6	77·9
4	cu-hor, ...	2	cu-hor, [R,r-b-W,	2	cu, cu-st, ...	3	fl-cu, ...	3	3-cu,cu st, cr-hz,...	4	fl-cu, cu-st, cr-hz,	3	142·1	73·7	87·7	76·3
5	cu, cu-st, ...	3	3 cu, cr-he. ...	3	cu, cu-st, nim,...	3	cu, cr-hz, ...	4	cu,cu st,cr hz,nim,	6	cu, cu-st, cr-hz nim,	6	128·3	75·4	86·0	77·9
6	fl-cu, cu-st,...	3	cu,cu-st,hz,nim,	4	fl-cu, cu-st, hz, nim,	4	cu, cu-st, cr-hz,	4	6-cu,cu-st,cr hz,nim,	5	sc-cu, cu-st, cr-hz,	4	132·7	78·4	86·7	77·1
7	cu-hor,... ..	1	sc-cu, ...	2	sc-cu, ...	2	fl-cu, hz, ...	3	fl-cu, cu-st, cr-hz.	4	fl-cu,cu-st,cr hz,nim,	6	133·0	72·9	87·8	77·2
8	cy-ovt, ...	7	cu, cr-st, cr-hz,	6	cu, cr-cu, nim,	0	ovt, R, ...	8	cy-ovt, ...	7	ovt, ...	8	115·8	74·2	85·1	74·0
9	... ...	...	... ...	...	... .	...	... .	...	... ...	...	... ...	...	127·8	73·9	85·0	73·9
30	ovt,... ...	8	ovt,... ...	8	ovt, lt-R, ...	8	ny-ovt, ...	7	ovt, ...	8	ny-ovt, ...	7	111·9	72·9	81·8	73·8
1	do, sh-lg, th-N, lt-	8	cu,cr cu,cr hz,nim,	4	hy cu, ...	6	hy-cu, cr, ...	6	fl-cu, cu-st, nim,lt R,	7	fl cu, cu-st, nim, lt-R.	6	130·5	73·6	85·5	74·0

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard ... around
- cld ... clouds or cloudy
- cr or cir ... cirri or cirro or cirrous
- cu ... cumuli or cumulo
- D ... Dew
- d ... dense
- dis ... distant
- dt ... detached
- E ... East
- fg ... fog
- fk ... forked
- fl ... flying
- fr ... frequent
- g ... ground
- hy ... heavy
- hl ... halo
- hor ... horizon
- hz ... haze or hazy
- ld ... lead
- lg ... lightning
- lt ... light
- mt ... meteor
- N ... North
- nim ... nimbi
- ny ... nearly
- ovd ... overhead
- ovt ... overcast
- pa ... peals
- pt ... part or partly or partial
- R ... Rain
- r-b ... rain-bow
- S ... South
- sc ... scattered
- sh ... sheet
- st ... stratus
- th ... thunder
- thi ... thick
- v ... very
- vv ... vivid
- W ... West

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REMARKS ON THE WEATHER FOR THE MONTH OF NOVEMBER 1853.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	ny-ovt, lt R, ...	8	cu, cr-hz, cu, sh lg-NE, nim,	7	ovt, R, ...	8	ovt, sh lg-W, NE, ...	8	ovt, lg-N, dis-th-W, ...	8	ovt, R, th-W, ...	8
2	ovt, ...	8	ny-ovt, lt-R, ...	7	cu, cu-st, d-hz, nim,	6	ny-ovt, ...	7	do, R, ...	8	do, lt-R, ...	8
3	do. ...	8	ovt, lt-R, ...	8	ovt, ...	8	ovt, lt-R, ...	8	do, ...	5	do ...	8
4	do. ...	8	do. ...	8	do. ...	8	do. ...	8	do, ...	8	do. ...	8
5	do. ...	8	cu, cr-st, cr, d-hz, ...	7	cu, cr-st, cr-cu, d hz, ...	7	cu, cu-st, cr-st, hz, ...	5	cu, cu-st, cr-hz, ...	3	...	...
6	...	...	...	...	...	...	...	...	...	...	do, lt-R, ...	8
7	do, lt-R, ...	8	ovt. ...	8	ovt, ...	8	ny-ovt, ...	7	ovt, ...	8	do. ...	8
8	ny-ovt, ...	8	ny-ovt, ...	8	ny-ovt, ...	7	cu, cu-st, d-cr-hz, ...	5	ny-ovt, ...	7	do. ...	8
9	ovt, lt-R, ...	8	ovt, ...	8	ovt, lt, R, ...	8	ovt, lt R, ...	8	cu, cu-st, cr-hz, nim,	5	do. lt R, ...	8
10	cu, cu-st, nim, R, th-N,	6	ny-ovt, ...	8	do, R, ...	8	do. ...	8	ny-ovt, ...	7	do. ...	8
1	cu, cr-cu, cr hz, ...	6	cr, cr-st, hz, hl-[illegible], ...	3	cu, cr-st, hz, ...	3	cr, cr-st, d-cr-hz, ...	4	cu, cu-st, d-cr-hz, ...	7	fl-cu, cr-hz, ...	6
2	cu, cr-hz nim, ...	7	ny-ovt, lt R, ...	8	ovt. ...	8	ny ovt, ...	7	cu, cu-st, cr-hz, nim, lt-R	6	...	...
3	...	...	...	...	...	...	...	...	...	...	cu, cr, cr-hz, ...	8
4	ovt, ...	8	do. ...	8	do ...	8	cr-cu, cr-st, cr-hz, ...	4	cu, cu-st, cr-hz, nim,	7	cu, cr-hz, ...	2
5	cu, hz hor, ...	1	fl-cu, ...	1	fl-cu, ...	1	fl-cu, cu-st, ...	2	sc-cu, cu-st, hz, ...	3	cu, cu-st-hor, ...	2
6	cu, hz, ...	1	cu, ...	1	cu, cr-st, ...	1	clear, ...	0	clear, ...	0	cr cu, cr-hz, cu, ...	2
7	cu, cr-hz, ...	2	ny-clear, ...	0	fl-cu, ...	1	fl-cu, ...	2	sc-cu, hz, ...	3	cu, cu-st, cr-hz, ...	2
8	ny-clear, ...	0	clear, ...	0	ny-clear, ...	0	sc-cu, ...	1	sc-cu, cu-st, cr, ...	3	cr-st, cr-hz, ...	1
9	do. ...	0	do. D, ...	0	do D, ...	0	clear, ...	0	cr-cu, cr-hz, D, ...	1	...	...
20	...	...	...	...	...	...	...	...	...	...	clear, ...	0
1	cu, cr cu, cr-hz, ...	3	cu, cr-st, hz, ...	3	fl-cu, hz, ...	4	hy-cu, cu-st, nim, R, ...	6	fl-cu, cu-st, ...	5	fl-cu, cu-st, D, ...	2
2	ny-clear, ...	0	ny-clear, ...	0	ny-clear, ...	0	ny-clear, ...	0	cu, cr-hz-hor, ...	2	cu, hz-hor, ...	1
3	cu, cr-hz, ...	1	do. ...	0	clear, ...	0	do. ...	0	cu-hor, ...	2	cu, cr-st, ...	2
4	cu, hz, ...	1	cu, hz, ...	1	ny-clear, ...	0	do. ...	0	cu, cr-st, ...	1	cu, cu-st, cr, ...	2
5	fl-cu hz, ...	2	fl-cu, ...	2	fl-cu, ...	1	do. ...	1	cu, cu-st, cr-hz, ...	4	cr-cu, cr, cr-hz, ...	2
6	ny-clear, ...	0	clear, ...	0	ny-clear, ...	0	clear, ...	0	clear, ...	0	...	...
7	...	...	...	...	...	...	...	...	...	...	clear, ...	0
8	fl-cu, ...	1	fl-cu, ...	1	fl cu, ...	2	cu, cu-st, ...	2	sc-cu, hz, ...	2	ny-clear, ...	0
9	fl-cu hz, ...	2	do. ...	1	do ...	2	fl cu, cu-st, hz, ...	3	cu, cr-st, cr-hz, ...	2	sc-cu, cr-hz, ...	2
30	sc-cu, ...	1	do. ...	1	do. ...	2	cu, cr-hz, ...	1	clear, ...	0	clear, ...	0

REMARKS ON THE WEATHER FOR THE MONTH OF DECEMBER 1853.

Date.	NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	fl-cu, ...	2	fl cu, ...	2	ny-clear, ...	0	clear, ...	0	clear, D, ...	0	clear, D, ...	0
2	fl-cu, cu-st, ...	3	ny-clear, ...	0	cu, lt-cr-hz, ...	1	cu, hz, ...	2	cu, cu-st, nim, ...	2	do. ...	0
3	cu, cr, cr-hz, ...	4	cu, cr, cr-hz, ...	3	cu, cr, cr-hz, ...	3	fl-cu, cr-st, hz, ...	1	ny-clear, ...	0	...	...
4	...	...	...	...	...	...	...	...	...	...	cr-cu, cr-hz, ...	1
5	fl-cu, cu-st, cr, cr-hz,	3	cu, cr-hz, ...	1	ny-clear, ...	0	ny-clear, D, ...	0	clear, D, ...	0	clear, D, ...	0
6	fl cu, cu-st, ...	2	fl-cu, cu-st, ...	2	do. ...	0	clear, ...	0	do D, ...	0	do. D, ...	0
7	cu-hor, ...	2	cu, lt-cu-st, ...	1	do. ...	0	cu, cr-st, hz, ...	3	ny-clear, ...	0	do. D, ...	0
8	cu, cr cu, ...	6	cu, cr-cu, lt-hz, ...	3	cu-st, cr-cu, cr-hz,	1	cu, cr-cu, cr st, ...	5	clear, D, ...	0	cu, cu-st, D, ...	2
9	sc-cu, hz, ...	2	fl-cu, cu-st, ...	2	ny-clear, ...	0	cu, cu-st, ...	3	cu, cr-hz, D, ...	2	cu, cr-hz, D, ...	1
10	do. ...	2	fl-cu, cr-st, ...	1	fl-cu, ...	1	ny-clear, ...	0	ny-clear, ...	0	...	...
1	...	...	...	...	...	...	...	...	...	...	cu, cr-st, D, ...	2
2	cu, cr, cr-hz, ...	2	cu, cu-st, hz, ...	1	clear, ...	0	clear, ...	0	clear, D, ...	0	clear, D, ...	0
3	cr, cr-hz, cr-st, ...	3	cu, cr, cr-hz, ...	2	cu, cr-st, hz, ...	3	cu, cr-st, hz, ...	2	do. D. ...	0	cr-st, cr-hz, D, ...	2
4	cu, cr, cr-hz, ...	4	do. ...	4	cu, cu-st, cr-cu, cr-hz,	7	cr-cu, cu, cr-hz, ...	6	cr-st, cr, cr-hz, D,	5	cu, cu-st, cr-hz, ...	6
5	cu, cu-st, cr, cr-hz, ...	6	cu, cu-st, cr, cr-hz, ...	6	cr, cr-hz, cu, ...	7	cu, cr-cu, cr-hz, ...	7	cu, cr-st, hz, D, ...	3	cu, cr-st, hz, D, ...	2
6	fl-cu, hz, ...	3	sc-cu, hz, ...	2	cu, cu-st, hz, ...	3	cu, hz, ...	4	cu, hz, ...	2	cu, hz, ...	2
7	ny-clear, ...	0	ny-clear, ...	0	sc-cu, hz, ...	2	do. ...	4	do. ...	2	...	...
8	...	...	...	...	...	...	...	...	...	...	cr-cu, hz, D, ...	3
9	sc-cu, hz, ...	2	fl-cu, ...	1	cu, ...	1	clear, ...	0	clear, D, ...	0	clear, D, ...	0
20	sc cu, ...	1	ny-clear, ...	0	ny-clear, ...	0	do. ...	0	do D, ...	0	do D, ...	0
1	do. ...	2	fl-cu, ...	1	do. D, ...	0	ny-clear, ...	0	cu-hor, ...	1	do. D, ...	0
2	do. ...	1	ny-clear, ...	0	cu-E, ...	1	cu, nim, ...	6	cu, cr-hz, ...	5	sc-cu, ...	3
3	do. ...	1	fl-cu, cu-st, ...	4	fl-cu, cu-st, ...	2	fl cu, hz, ...	2	do, nim, ...	5	cu, cr-hz, nim. ...	5
4	clear, ...	0	clear, ...	0	clear, ...	0	clear, ...	0	cu-hor, ...	1	...	...
5	...	...	...	...	...	...	...	...	...	...	cr, cu, cr-st, cr-hz, D,	2
6	sc-cu, ...	1	sc-cu, ...	2	fl cu, cr-st, hz, ...	3	fl-cu, cr-st, hz, ...	3	cu, cu-st, cr-hz, nim,	4	cu, cu-st, cr-hz, nim,	4
7	cu, hz, ...	2	fl-cu, ...	3	fl-cu, hz, ...	4	cu, cr-hz, ...	3	cu, d-cr-hz, nim, ...	5	cu, cr, cr-hz, ...	6
8	cu, cu-st, hz, ...	3	do. ...	3	cu, ...	3	cr-st, cr-hz, ...	1	cu, cr-cu, cr-hz, ...	3	ny-clear, ...	0
9	ny-clear, ...	0	clear, ...	0	clear, ...	0	cu, cr-cu, cr-hz, ...	3	cu, cu-st, cr-hz, ...	2	do. D, ...	0
30	sc-cu, ...	2	ny-clear, ...	0	cu, cu-st, hz, ...	4	ny-clear, ...	0	clear, ...	0	clear, D, ...	0

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard ... around
cld ... clouds or cloudy
cr or cir ... cirri or cirro or cirrous
cu ... cumuli or cumulo
D ... Dew
d ... dense
dis ... distant
dt ... detached
E ... East
fg ... fog
fk ... forked
fl ... flying
fr ... frequent
g ... ground
hy ... heavy
hl ... halo
hor ... horizon
hz ... haze or hazy
ld ... loud
lg ... lightning
lt ... light
mt ... meteor
N ... North
nim ... nimbi
ny ... nearly
ovd ... overhead
ovt ... overcast
pa ... peals
pt ... part or partly or partial
R ... Rain
r-b ... rain-bow
S ... South
sc ... scattered
sh ... sheet
st ... stratus
th ... thunder
thi ... thick
v ... very
vid ... vivid
W ... West

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REMARKS ON THE WEATHER FOR THE MONTH OF NOVEMBER 1853.

Date.	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Thermometers. Radiation. Sol.	Ter	Air. Max.	Min.
1	ovt, R, sh-lg-h W, th,	8	ovt, lt-R, ...	8	ovt. R, th, ...	8	ovt, hy-th, lg, hy-R,	8	ovt, ...	8	ovt, ...	8	ovt.	73·2	80·2	74·7
2	do ...	8	fl-cu, nim, lt-R,	8	do. lt-R, ...	8	do, hy-R, ...	8	do. ...	8	do, R, ...	8	—	73·7	79·5	75·7
3	do. ...	8	ovt, lt-R, ...	8	do. do... ...	8	do. ...	8	do. ...	8	do. ...	8	115·1	74·7	82·2	76·3
4	do... ...	8	fl-cu, cr, cr-hz,	8	do. ...	8	do. ...	8	do. ...	8	ny-ovt, ...	8	110·5	73·7	83·2	75·8
5	...	...	...	...	...	...	...	...	...	...	...	...	96·0	70·2	82·3	74·2
6	do R, ...	8	ovt, ...	8	do, lt-R, ...	8	do, R, ...	8	do, R, ...	8	ovt, R, ...	8	—	70·9	76·8	71·4
7	ny-ovt, ...	7	do. ...	8	do. ...	8	do. ...	8	do, R. ...	8	do, R, ...	8	ovt.	71·3	78·2	76·0
8	ovt, lt-R, ...	8	do.... ...	8	do. R, ...	8	do, hy-R, ...	8	do, R, ...	8	do. ...	8	—	71·9	78·0	74·8
9	ny-ovt, lt-R, ...	7	do, lt-R, ...	8	cu, cu-st, cr, cr-hz,	6	hy-cu, cr-hz, nim,	6	cu-st, cu, nim,	5	cu, cu-st, ...	3	129·0	79·1	84·4	73·5
10	cu, cr, cr-hz, nim,	4	fl-cu, cu-st, cr-hz,	6	fl-cu, cu-st, cr, cr-hz,	7	fl-cu, cu-st, ...	7	cu, cr-cu, cr-hz, cr-st,	4	cu, cr, cr-st, hz,	5	131·5	71·9	84·2	75·7
1	cu, cr-hz, ...	5	cu, cu-st, cr-cu, cr-hz	6	3-cu, cr, cr-hz, ...	6	fl-cu, cr, cr-hz, ...	7	cu, d-cr-hz, ...	7	cu, cr-cu, cr-hz, ...	6	131·5	70·1	84·3	74·4
2	...	...	...	...	...	...	...	...	...	...	...	...	133·6	73·7	83·5	75·5
3	cu, cr, cr-hz, ...	6	cu, cu-st, cr-cu, cr-hz,	6	cu, cu-st, cr, cr-hz,	7	cu, cr, d-cr-hz, nim,	6	cu, cr-hz, nim, lt-R,	8	ovt, ...	8	133·5	76·9	82·9	76·7
4	cu, cu-st, cr-hz,	3	cu, cr, cr-hz, ...	2	cu, cr, cr-st, ...	2	hy-cu, hz, ...	5	cu, hz, ...	2	cu, hz, ...	2	142·5	70·1	84·1	74·6
5	sc-cu, fg, ...	2	cu-hor, ...	1	fl-cu, ...	3	fl-cu, cu-st, ...	3	cu, cu-st, ...	2	cu, cu-st, ...	2	148·5	71·9	86·4	75·9
6	cu, cr-st, ...	3	cu, cr-cu, cr-st, hz,	3	fl cu, cu-st, ...	4	do. ...	4	cu, cr-hz, ...	2	cu, cr-hz, ...	2	128·6	71·6	85·6	76·5
7	3-cu, cu-st ...	3	cu, cu-st, cr-hz,	3	do. ...	4	do... ...	4	3-cu, hz, ...	2	fl-cu, hz, ...	2	135·5	71·9	85·1	76·0
8	clear, fg, ...	0	ny-clear, ...	0	fl-cu, ...	2	sc-cu, ...	1	cu-hor, ...	1	ny-clear, ...	0	150·5	68·9	84·5	74·3
9	...	...	...	...	...	...	...	...	...	...	...	...	139·5	66·3	84·8	73·4
20	do.... ...	[illegible]	clear, ...	0	ny-clear, ...	0	do. ...	2	cu, cr-cu, cr-hz,	5	cu, cr-cu, cr-hz, nim,	7	144·2	66·1	84·5	73·0
1	cu, cu-st, cr-hz, D, ...	4	cu, cr, ...	1	fl-cu, hz, ...	4	hy-cu, cu-st, nim,	5	cu, cu-st, nim, ...	6	cu, hz, ...	1	127·5	68·9	83·6	73·5
2	fl-cu, cr-cu, ...	4	cu, cu-st, ...	2	fl-cu, cu-st, ...	4	hy-cu, cu-st, ...	4	cu, cr-hz, nim, ...	6	cu, cr-hz, nim,	5	137·4	64·2	83·1	70·4
3	cu-hor, ...	[illegible]	do-hor, ...	2	fl-cu, ...	3	fl-cu, cu-st, ...	5	cu, hz, ...	2	cu, hz, ...	2	140·5	69·9	83·1	71·6
4	cu, cu-st, ...	[illegible]	cu, cr-cu, ...	3	cu-hor, ...	3	do. ...	4	fl-cu, cu-st, hz, ...	3	do. ...	2	131·5	71·9	83·1	73·9
5	cu, cr, fg, ...	1	clear, ...	0	cu, cu-st, ...	1	cu, cu-st, ...	4	cu, cu-st, ...	4	cu, cu-st, ...	3	135·5	69·3	83·3	72·0
6	...	...	...	...	...	...	...	...	...	...	...	...	134·5	67·9	84·2	71·8
7	cr, cr-hz, ...	2	sc-cu, hz, ...	2	sc-cu, ...	2	fl-cu, cu-st, ...	3	sc-cu, cu-st, ...	4	fl-cu, ...	2	136·5	69·9	83·5	73·3
8	ny-clear, ...	0	cu, cr-cu, cr-hz,	3	cu, cr, cr-hz, ...	2	do. ...	3	fl-cu, hz, ...	2	fl-cu, hz, ...	2	135·5	66·0	82·5	72·2
9	do ...	0	sc-cu, ...	2	cu, cr, ...	2	do... ...	3	fl-cu, ...	1	sc-cu, ...	1	138·7	65·1	82·5	70·6
30	clear, ...	0	cr-cu, cr-hz-hor,	1	cr-st, cr-hz, ...	1	cu, cr-st, cr-hz,	3	fl cu, cr-hz, ...	3	sc-cu, hz, ...	3	140·4	65·9	83·4	71·3

REMARKS ON THE WEATHER FOR THE MONTH OF DECEMBER 1853.

Date.	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Thermometers. Radiation. Sol.	Ter	Air. Max.	Min.
1	cu, cr-hz, D, ...	1	cu, cu-st, cr-st, ...	3	fl cu, ...	2	sc-cu, cr hz, ...	2	sc-cu, cr-hz, ...	3	3-cu, cu-st, ...	4	127·5	63·9	82·4	69·9
2	do. D, ...	2	cu, cr-st, cr-hz,	3	cu, cr, cr-st, cr-hz,	3	cu, cu-st, cr, cr-hz,	4	fl-cu, cu-st, ...	4	do. ...	4	124·5	65·1	82·7	71·2
3	...	...	...	...	...	...	...	...	...	...	...	...	124·7	64·9	82·1	70·6
4	ny-clear, ...	0	do. ...	3	fl-cu, cu-st, cr-hz, ...	4	fl-cu, cu-st, cr, ...	4	fl-cu, cu-st, cr,	4	cu, cu-st, cr, cr-hz,	3	126·0	65·8	82·9	71·2
5	do. D, ...	0	cu, cr-hz, ...	2	cu, cr, cr-st, hz,	2	cu, cu-st, cr-hz,	2	3-cu, cu-st, ...	4	fl-cu, cu-st, ...	4	127·7	64·9	82·2	70·1
6	cu, D, ...	1	sc-cu, cr, ...	2	cu-hor, ...	2	cu, cr. ...	3	fl-cu, cr-hz, ...	3	cr-cu, hz, ...	3	132·5	64·1	82·4	69·8
7	ny-clear, D, ...	0	cu, cr-hz, ...	2	do. ...	2	fl-cu, cu-st, ...	3	fl-cu, cu-st, ...	4	do. ...	3	128·5	64·1	83·0	70·6
8	cu, D. ...	2	cu, hz, ...	2	cu, cu-st, hz. ...	3	fl-cu, cu-st, cr-hz,	3	sc-cu-hor, ...	3	sc-cu-hor, ...	2	130·0	66·7	82·4	72·1
9	cu, cr-hz, D, ...	2	cu, cr-hz, cr, ...	2	cu, cu-st, cr-hz,	3	cu, cu-st, cr-hz, ...	3	3-cu, cr-hz, ...	3	sc-cu, hz, ...	3	128·7	66·1	82·7	71·9
10	...	...	...	...	...	...	...	...	...	...	...	...	126·1	61·9	82·2	70·2
1	cu, hz, D, ...	2	cu-hor, ...	1	ny-clear, ...	0	sc-cu, ...	1	sc-cu, ...	2	sc-cu. ...	2	139·3	63·1	82·0	68·2
2	clear, D, ...	0	cu, cu-st, cr-hz,	1	cr, cr-st, cr-hz, ...	2	cu, cu-st, cr-hz,	3	cu, cu-st, cr-hz, ...	4	sc-cu, cr, cr hz,	3	144·0	61·1	81·9	67·3
3	cr-st, cr-hz, D, ...	2	cr-cu, cr-st, cr-hz,	2	cr-st, hz, ...	2	do. ...	3	cu, cr, cr-hz, ...	5	cu, cr, cr-hz, ...	5	135·3	60·9	81·3	68·1
4	cu, cu-st, cr-hz, D,	4	cu, cu-st, cr-hz,	4	cu, cr-cu, cr-st, cr-hz, ...	6	cu, cr-cu, cr-st, cr-hz,	6	cu, cr, cr-hz, ...	5	cu, cu-st, cr, cr-hz,	6	129·0	61·3	81·6	68·7
5	cu, cr-cu, cr-hz, D	3	cu, hz, ...	1	cu, cr-cu, cr-hz, ...	2	cu, cr-cu, cr-hz, ...	2	cu-hz, ...	1	sc-cu, hz, ...	2	138·5	60·1	81·2	67·9
6	cu, cu-st, hz, nim,	6	cu, cr-hz, ...	1	cu-hor, ...	1	sc-cu, cr-hz, ...	2	ny-clear, ...	0	ny-clear, ...	0	136·3	61·7	80·9	69·3
7	...	...	...	...	...	...	...	...	...	...	...	...	165·9	60·9	81·8	68·6
8	ny, clear, D. ...	0	sc-cu, ...	1	fl-cu, cu-st, cr-hz, ...	3	fl-cu, hz, ...	3	fl-cu, cu-st, ...	3	fl-cu, cu-st, ...	4	123·5	59·6	81·6	67·6
9	clear, D. ...	0	clear, ...	0	sc-cu, ...	1	fl-cu, cu-st, ...	3	do. ...	3	do. ...	4	140·3	59·1	81·6	66·9
20	cu, cr-st, D, ...	1	ny-clear, ...	0	clear, ...	0	do. ...	3	sc-cu, ...	2	sc-cu, ...	3	137·0	58·9	81·0	65·6
1	clear, D, ...	0	do. ...	0	fl-cu, ...	0	cu, cu-st, ...	3	3-cu, cu-st, hz,	3	fl-cu, cu-st, hz, ...	3	135·5	56·5	81·0	65·5
2	cu, cr-cu, cr, D,	3	cu, nim, ...	3	cu, cu-st, cr-st, ...	2	cu, cr-cu, ...	5	cu, cr-cu, cr-hz, ...	5	cu, cr, cr-hz, ...	3	130·7	69·9	80·9	69·5
3	cu, cu-st, cr-cu,	7	cu, cr-cu, cu-st, ...	7	cr-cu, cr-hz, ...	6	cu, cr-cu, cr-st, ...	2	ny-clear, ...	0	clear, ...	0	127·5	58·9	81·3	71·3
4	...	...	...	...	...	...	...	...	...	...	...	...	126·5	57·0	81·1	65·0
5	cu, cr-hz, D,	2	cu, cr-cu, cr-hz,	3	sc-cu, ...	2	cu, cu-st, cr, ...	3	cu, hz, ...	3	sc cu, ...	1	131·5	55·0	80·6	66·4
6	do. ...	7	cu, nim, cr-hz, ...	7	3 cu, cu-st, cr-cu, cr-hz	7	hy-cu, cu-st, cr-hz, nim	7	do. ...	4	cu, cr-cu, cr-hz, ...	2	130·4	63·1	83·4	74·9
7	cu, cu-st, cr-hz,	4	cu, cu-st, cr-hz, nim	6	fl cu, cu-st, cr-hz, nim,	7	fl-cu, cu-st, cr-hz,	4	cu, cu-st, ...	2	cu, cu-rt, hz,	2	128·5	64·9	82·7	75·0
8	clear, D, ...	0	cu-hor, D, ...	1	clear, ...	0	re-cu, ...	1	fl-cu, hz. ...	6	sc-cu, hz, ...	2	130·3	64·1	82·8	39·4
9	do, D, ...	0	do.... ...	1	do... ...	0	sc-cu, cu-st, ...	3	sc-cu, ...	2	fl-cu, ...	4	133·4	60·9	82·4	68·0
30	do. ...	0	clear, ...	0	ny-clear, ...	0	cu, cu-st. ...	5	do. ...	1	sc-cu, ...	1	131·1	66·4	81·1	69·2
1																

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard ... around
cld ... clouds or cloudy
cr or cr ... cirri or cirro or cirrous
cu ... cumuli or cumulo
D ... Dew
d ... dense
dis ... distant
dt ... detached
E ... East
fg ... fog
fk ... forked
fl ... flying
fr ... frequent
g ... ground
hy ... heavy
hl ... halo
hor ... horizon
hz ... haze or hazy
ld ... loud
lg ... lightning
lt ... light
mt ... meteor
N ... North
nim ... nimbi
ny ... nearly
ovd ... overhead
ovt ... overcast
pa ... peals
pt ... part or partly or partial
R ... Rain
r-b ... rain-bow
S ... South
sc ... scattered
sh ... short
st ... stratus
th ... thunder
thk ... thick
v ... very
viv ... vivid
W ... West

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MADRAS, 1854.

METEOROLOGICAL OBSERVATIONS.

Digitized by Google

BAROMETRIC PRESSURE. (Corrected.)

Barometer at 32° = 29 English Inches + the number in the Table.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. * ·016	In.	In. * -·0054	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
December 31	1·013	1·026	1·036	1·054	1·062	1·062	1·057	1·053	1·040	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1·023
JANUARY 1854. 1	—	—	—	—	—	—	—	—	—	1·010	0·976	0·977	0·988	1·013	1·031	1·057	1·065	1·067	1·053	1·018	0·996	0·974	0·963	0·980	0·992
2	0·987	0·990	0·998	·010	·014	·013	·002	0·993	0·983	0·973	·960	·961	·971	0·990	·022	·040	·045	·038	·026	0·998	·977	·953	·937	·942	·984
3	·952	·959	·981	·002	·008	·008	·003	·979	·973	·963	·950	·955	·970	·985	·009	·038	·046	·041	·022	·958	·962	·933	·934	·910	1·021
4	·959	·983	·999	·020	·027	·035	·023	1·015	1·008	1·006	1·000	1·003	1·016	1·031	·069	·089	·104	·088	·071	1·017	1·006	·977	·969	·965	·029
5	982	·996	1·013	·036	·047	·054	·050	032	·007	·008	·005	·004	·013	·036	·065	·078	·097	·088	·080	·051	·014	·988	·975	·967	·037
6	·980	1·005	·041	·064	·082	·082	·076	·067	·050	·029	·005	0·998	·000	·022	·063	·073	·104	·055	·083	·043	·005	·979	·972	·968	—
7	·976	0·990	·004	·031	·043	·045	·045	·034	·011	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·013
8	—	—	—	—	—	—	—	—	—	0·991	0·968	·972	0·985	0·998	·025	·018	·070	·064	·053	·036	·001	·975	·967	·969	·057
9	·983	·995	·011	·041	·064	·076	·066	·064	·049	1·042	1·031	1·026	1·030	1·050	·075	·103	·121	·133	·130	·107	·079	1·016	1·023	1·013	·070
10	1·022	1·035	·053	·071	·080	·101	·029	·076	·058	·043	·025	·030	·045	·058	·093	·119	·142	·150	·134	·107	·074	·046	·020	·008	·055
11	·013	·028	·054	·072	·100	·101	·054	·085	·064	·041	·014	·015	·025	·041	·059	·081	·109	·111	·094	·078	·046	·014	·003	0·990	·041
12	0·997	·005	·014	·029	·033	·048	·054	·059	·049	·036	·020	·025	·039	·048	·072	·089	·100	·092	·085	·066	·039	·007	0·995	·990	·067
13	1·000	·020	·037	·055	·072	·085	·097	·083	·072	·065	·054	·047	·050	·055	·079	·110	·129	·126	·115	·090	·064	040	1·027	1·028	—
14	·036	·040	·059	·085	·095	·108	·104	·091	·079	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·056
15	—	—	—	—	—	—	—	—	—	·046	·020	·015	·020	·029	·053	·085	·109	·107	·091	·064	·053	002	0·993	0·986	·007
16	0·968	0·999	·013	·033	·043	·045	·029	·023	·016	·003	0·986	0·980	0·984	·001	·018	·036	·059	·056	·046	·013	0·978	0·949	·930	·928	0·991
17	·939	·955	0·970	0·994	·008	·010	·004	·002	0·996	0·986	·972	·969	0·975	0·981	·005	·025	·047	·046	·042	·019	·990	·965	·947	·941	·983
18	·943	·947	·962	·987	·010	·014	·002	0·995	·976	·971	·962	·964	·975	·987	·010	·031	·055	·056	·046	·020	·985	·953	·936	·930	·993
19	·938	·954	·970	·993	·007	·011	·007	·997	·979	·967	·951	·951	·961	·985	·008	·034	·057	·066	·054	·036	1·009	·984	·960	·958	989
20	·958	·972	·992	1·012	·036	·041	·031	1·008	·984	·972	·957	·951	·955	·971	0·981	·016	·032	·039	·028	·007	0·981	·951	·930	·926	—
21	·937	·951	·965	0·992	062	·010	·000	0·990	·972	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1·011
22	—	—	—	—	—	—	—	—	—	·973	·971	·972	·983	·991	1·021	·052	·080	·095	·090	·069	1·043	1·012	·989	·985	·025
23	·950	·957	1·010	1·037	059	·065	·050	1·032	1·018	1·001	·981	·978	·985	1·011	·046	·061	·089	·089	·082	·061	·031	·000	·974	·959	·012
24	·962	·976	·000	·027	·041	·048	·042	·084	·009	0·994	·975	·972	·979	·006	·010	·044	·077	·082	·065	·056	·015	0·990	·932	·947	0·995
25	·945	·953	0·979	0·998	·018	·022	·013	·002	0·994	·980	·963	·961	·969	0·988	0·998	·034	·059	·067	·049	·031	0·997	·969	·954	·947	1·023
26	·947	·964	·985	1·028	·048	·053	·040	·032	1·016	1·009	·998	·998	1·007	1·017	1·046	·068	·089	·093	·079	·054	1·036	1·003	·989	·975	018
27	·976	·989	1·005	·023	·047	·068	·058	·049	·035	·017	·996	·986	0·985	0·989	·011	·035	·064	·073	·066	·045	·016	0·987	·959	·952	—
28	·958	·974	0·991	·007	·027	·045	·035	·020	0·996	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·981
29	—	—	—	—	—	—	—	—	—	0·970	·941	·942	·952	·960	0·975	0·996	·024	·082	·022	0·994	0·986	·926	·909	·903	·962
30	·909	·923	·944	0·961	0·981	0·993	0·985	0·979	·954	·948	·939	·927	·924	·947	·967	·984	·015	·023	·014	1·002	·974	·960	·930	·918	·969
31	·931	·943	·949	·981	1·001	·998	·987	·978	·971	·961	·947	·952	·967	·972	·971	1·001	·025	·026	·020	0·987	·960	·931	·899	·851	
Means.	·970	·984	1·001	1·024	1·039	1·046	1·039	1·029	1·013	1·000	·984	0·983	·991	1·006	1·029	1·053	1·075	1·076	1·064	1·041	1·010	·981	·964	·939	1·015
										* -·0005		* -·0062													
FEBRUARY 1854. 1	0·895	0·903	0·906	0·925	0·948	0·958	0·961	0·953	0·933	0·906	0·886	0·868	0·881	0·876	0·904	0·932	0·918	0·944	0·943	0·913	0·882	0·846	0·873	0·812	0·905
2	·809	·828	·847	·875	·895	·899	·909	·907	·893	·872	·854	853	·863	·877	·901	·920	·936	·951	·942	·920	·884	·856	·834	·829	·881
3	·842	·866	·888	·913	·950	·956	·963	·966	·960	·940	·922	·926	·941	·961	·970	1·005	1·032	1·045	1·031	1·003	·977	·946	·916	·905	·951
4	·907	·923	·941	·962	·992	1·006	1·013	·981	·960	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·928	·899	·900	·908	·923	·916	0·975	·002	·013	·001	0·975	·944	·921	·897	·888	·951
6	·895	·903	·916	·954	·976	0·984	0·989	·980	·963	·945	·930	·929	·939	·951	·969	1·010	·041	·049	·041	1·015	·986	·951	·929	·915	·965
7	·928	·943	·952	·980	·998	1·004	1·011	1·003	·978	·958	·940	·936	·944	·961	·958	·013	·045	·055	·053	·028	1·000	·971	·944	·931	·982
8	·930	·941	·951	·973	·994	0·997	0·997	0·983	·952	·934	·919	·915	·923	·940	959	0·990	·011	·026	·009	0·983	0·947	·913	·891	·875	·957
9	886	·895	·910	·932	·949	·958	·960	·941	·931	·908	·887	·884	·853	914	·951	·973	0·995	·004	0·994	·971	·944	·915	·852	·881	·932
10	·880	·885	·901	·920	·951	·959	·955	·938	·911	·902	·895	·884	·885	·854	·911	·941	·974	0·986	·973	·950	·913	·881	·864	·851	·917
11	·863	·875	·892	·924	·943	·956	·956	·951	·934	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·894	·857	·854	·863	·877	·900	·928	·954	·975	·963	·942	·916	·853	·860	·844	·908
13	·841	·846	·847	·849	·877	·884	·886	·880	·873	·854	·837	·834	·843	·851	·873	·903	·935	·950	·938	·899	·869	·827	·797	·780	·865
14	·791	·802	·817	·837	·860	·874	·894	·907	·895	·884	·876	·875	·885	·902	·932	·956	·984	·992	·988	·954	·934	·905	·881	·874	·886
15	·873	·894	·910	·949	·967	·994	1·007	·999	·987	·974	·963	·962	·973	·982	1·006	1·034	1·009	1·066	1·059	1·044	1·016	·983	·957	·952	·984
16	·965	·980	1·006	1·037	1·066	1·065	·087	1·081	1·066	1·040	1·026	1·026	1·038	1·055	·082	·108	·131	·147	·142	·125	·099	1·092	1·063	1·059	1·064
17	1·066	1·062	·106	·126	·148	·163	·168	·164	·141	·120	·101	0·097	·105	·112	·130	·149	·173	·179	·167	·146	·118	·088	·071	·058	·124
18	·056	·073	·088	·119	·131	·146	·144	·138	·129	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·030	·046	·035	·035	·043	·053	·076	·093	·108	·099	·064	·040	·009	0·988	0·980	·074
20	0·994	·010	·022	·048	·064	·073	·076	·059	·031	·014	·000	0·984	0·980	·005	·039	·065	·082	·094	·080	·060	·029	0·998	·960	·952	·030
21	·950	0·963	0·973	0·998	·027	·041	·053	·045	·022	0·997	0·974	·967	·971	0·996	·015	·050	·073	·088	·079	·054	·028	1·004	·976	·966	·013
22	·977	·984	·996	1·013	·034	·041	·040	·025	0·998	·973	·950	·948	·958	·972	0·990	·016	·035	·046	·044	·025	·004	0·968	·941	·935	0·996
23	·938	·950	·961	0·988	·006	·013	·018	·000	·971	·952	·936	·927	·930	·946	·979	·004	·021	·030	·022	0·999	0·959	·934	·902	·893	·970
24	·895	·903	·924	·941	0·964	0·975	0·984	0·975	·940	·925	·912	907	·913	·926	·944	0·972	·994	·001	0·990	·953	·922	·850	·874	·869	·937
25	·868	·875	·891	·910	·938	·950	·952	·950	·931	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·903	·878	·875	·883	·891	·908	·948	·961	0·973	·964	·931	·819	·865	·834	·821	·908
27	·822	·830	·840	·864	·892	·904	·900	·818	·876	·854	·835	·827	·881	·843	·864	·884	·912	·928	·929	·900	·871	·850	·826	·811	·866
28	·820	·836	·860	·889	·910	·925	·925	·917	·888	·873	·860	·844	·840	·864	·885	·907	·939	·940	·931	·902	·878	·855	·832	·830	·881
Means.	·904	·916	·931	·956	·978	·989	·984	·985	·965	·948	·924	.919	·925	·940	·962	·980	1·013	1·024	1·016	·990	·961	·931	·906	·897	·957

* The numbers in these columns are not observed: but interpolated for the sake of obtaining the daily Means, and those numbers on the heads of them are the corrections of interpolations.

BAROMETRIC PRESSURE. (Corrected.)

Barometer at 32° = 29 English Inches + the number in the Table

Gottingen Mean Time,	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. * −·0028	In.	In. * −·0061	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
MARCH 1854.																									
1	0·835	0·836	0·863	0·886	0·908	0·934	0·922	0·914	0·900	0·880	0·866	0·860	0·846	0·867	0·877	0·904	0·915	0·931	0·919	0·890	0·909	0·846	0·835	0·818	0·879
2	·878	·889	·855	·880	·901	·912	·916	·903	·852	·873	·861	·882	·874	·889	·919	·941	·960	·966	·959	·928	·896	·867	·839	·836	·892
3	·839	·851	·868	·880	·930	·930	·927	·918	·898	·884	·877	·872	·879	·891	·905	·927	·949	·965	·955	·941	·901	·879	·857	·880	·899
4	·857	·872	·880	·905	·937	·938	·934	·949	·946	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·930	·920	·908	·907	·929	·932	·958	1·016	1·009	1·007	·980	·955	·931	·917	·909	·940
6	·902	·918	·932	·960	·986	·952	·998	·977	·959	·916	·940	·938	·935	·947	·969	·958	·020	·024	·008	·978	·939	·905	·882	·865	·955
7	·870	·868	·898	·928	·939	·935	·959	·950	·941	·919	·914	·891	·889	·902	·931	·957	0·960	0·964	0·953	·918	·877	·850	·820	·805	·912
8	·823	·839	·858	·881	·904	·918	·918	·912	·896	·876	·863	·856	·861	·878	·901	·935	·958	·962	·953	·938	·903	·874	·860	·841	·898
9	·840	·881	·872	·909	·938	·950	·943	·930	·908	·884	·850	·878	·882	·898	·931	·980	·988	·006	·986	·954	·920	·879	·857	·848	·912
10	·854	·874	·907	·943	·971	·981	·979	·970	·944	·925	·912	·905	·909	·928	·961	·992	1·009	1·047	1·066	·915	·982	·926	·898	·857	·947
11	·895	·908	·924	·952	·977	·005	·013	·950	·985	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·942	·925	·919	·923	·943	·967	·994	·008	·011	0·997	·973	·941	·918	·850	·876	·951
13	·879	·893	·920	·940	·957	·975	·973	·957	·988	·938	·929	·927	·936	·938	·971	·994	·018	·011	·996	·966	·929	·891	·864	·851	·941
14	·846	·857	·877	·897	·918	·931	·928	·932	·903	·898	·887	·888	·851	·904	·927	·958	0·970	0·977	·967	·943	·914	·877	·847	·880	·906
15	·837	·845	·854	·868	·885	·905	·907	·915	·898	·879	·872	·869	·877	·894	·920	·929	·961	·962	·958	·938	·907	·880	·850	·839	·893
16	·849	·858	·865	·910	·924	·945	·948	·938	·914	·910	·913	·907	·913	·937	·964	·993	1·003	1·009	1·001	·980	·955	·935	·910	·900	·934
17	·890	·900	·924	·939	·960	·976	·985	·977	·984	·958	·955	·954	·960	·974	·979	1·008	·016	·026	·018	·981	·956	·925	·896	·882	·958
18	·974	·957	·898	·937	·958	·975	·978	·966	·955	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·932	·916	·913	·920	·944	·971	·001	·009	·015	·004	·987	·955	·928	·858	·851	·948
20	·887	·898	·916	·947	·983	·978	·983	·981	·985	·938	·958	·949	·952	·961	·953	·018	·033	·037	·033	1·014	·989	·958	·942	·918	·968
21	·918	·941	·957	·989	1·017	1·034	1·041	1·027	1·007	1·001	1·009	·096	1·002	1·020	1·013	·066	·087	·088	·078	·048	1·016	·987	·956	·945	1·011
22	·951	·970	·990	1·023	·043	·063	·067	·056	·048	·027	·018	1·008	·002	·026	·044	·071	·088	·083	·077	·044	·997	·972	·950	·931	·023
23	·936	·945	·964	0·998	·018	·048	·042	·099	·002	0·977	0·949	0·953	0·959	0·976	·001	·028	·040	·038	·023	0·996	0·984	·927	·906	·891	0·954
24	·917	·918	·941	·967	0·991	·005	·010	0·994	·975	·958	·947	·942	·949	·961	0·988	·018	·022	·020	·000	·985	·950	·918	·858	·883	·964
25	·884	·900	·922	·961	·983	0·991	0·988	·987	·960	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·941	·928	·928	·940	·956	·971	0·994	·012	·017	·002	·983	·945	·918	·904	·886	·933
27	·883	·898	·918	·938	·964	·980	·968	·963	·954	·932	·917	·911	·917	·942	·960	·983	·000	·005	0·990	·958	·935	·891	·875	·853	·938
28	·848	·870	·853	·925	·987	·958	·941	·924	·912	·852	·878	·874	·852	·865	·908	·929	0·946	0·961	·925	·898	·858	·837	·825	·813	·896
29	·809	·818	·838	·848	·878	·887	·883	·861	·851	·834	·824	·820	·838	·832	·847	·877	·884	·883	·864	·827	·792	·768	·741	·731	·834
30	·735	·748	·791	·814	·858	·883	·914	·856	·749	·759	·776	·781	·758	·805	·824	·837	·861	·881	·878	·841	·815	·796	·780	·780	·816
31	7·84	·798	·822	·864	·868	·855	·910	·887	·881	·864	·853	·850	·859	·880	·897	·931	·944	·955	·949	·928	·901	·873	·855	·833	·879
Means.	·881	·874	·895	·921	·944	·980	·982	·951	·931	·915	·907	·901	·907	·923	·945	·971	·988	·994	·982	·956	·924	·894	·878	·855	·927
APRIL 1854.										* −·0028		* −·0039													
1	0·835	0·838	0·857	0·871	0·893	0·908	0·910	0·896	0·880	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·871	0·865	0·866	0·876	0·887	0·899	0·925	0·945	0·939	0·915	0·879	0·843	0·815	0·803	0·793	0·875
3	·794	·804	·810	·833	·849	·860	·880	·865	·868	·858	·846	·845	·855	·870	·898	·920	·946	·939	·916	·895	·866	·834	·811	·798	·860
4	·798	·817	·837	·855	·884	·908	·891	·888	·868	·853	·849	·860	·822	·891	·906	·938	·965	·959	·950	·927	·898	·861	·838	·822	·881
5	·820	·830	·846	·871	·893	·911	·918	·895	·880	·859	·844	·836	·839	·848	·860	·883	·886	·882	·876	·848	·807	·765	·745	·728	·849
6	·729	·747	·783	·796	·809	·828	·840	·828	·808	·788	·781	·767	·764	·778	·788	·813	·830	·828	·812	·787	·746	·715	·708	·691	·781
7	·696	·704	·728	·753	·780	·784	·780	·770	·746	·731	·733	·734	·736	·748	·787	·800	·810	·799	·785	·764	·729	·699	·675	·687	·746
8	·669	·674	·698	·719	·738	·751	·748	·738	·725	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·723	·728	·728	·739	·748	·779	·753	·808	·811	·797	·770	·737	[illegible]	·697	·674	·737
10	·678	·693	·714	·747	·778	·798	·809	·791	·767	·748	·738	·739	·753	·770	·788	·809	·826	·825	·804	·778	·735	·712	·697	·680	·757
11	·687	·705	·726	·760	·786	·816	·824	·810	·758	·788	·787	·782	·789	·801	·822	·841	·856	·865	·861	·838	·807	·770	·739	·721	·791
12	·711	·722	·740	·779	·794	·813	·812	·804	·788	·768	·754	·753	·784	·787	·803	·837	·841	·848	·832	·814	·781	·753	·726	·719	·781
13	·712	·718	·740	·761	·787	·801	·803	·798	·789	·778	·764	·762	·771	·789	·905	·835	·850	·851	·834	·811	·776	·749	·726	·697	·779
14	·694	·708	·724	·743	·760	·773	·794	·793	·781	·767	·760	·752	·758	·761	·785	·821	·837	·838	·815	·783	·748	·718	·689	·873	·761
15	·698	·695	·708	·721	·737	·750	·769	·763	·758	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·751	·751	·750	·763	·767	·779	·796	·814	·838	·830	·810	·790	·759	·748	·718	·759
17	·724	·744	·762	·790	·809	·827	·829	·819	·768	·789	·774	·775	·788	·810	·829	·840	·860	·850	·829	·806	·765	·739	·717	·706	·791
18	·697	·720	·757	·775	·798	·837	·830	·816	·810	·795	·786	·781	·788	·808	·840	·856	·870	·875	·861	·834	·799	·766	·748	·732	·799
19	·727	·754	·780	·814	·833	·845	·849	·837	·833	·815	·804	·805	·818	·818	·831	·849	·860	·850	·841	·823	·797	·758	·729	·707	·807
20	·711	·728	·758	·774	·798	·814	·801	·795	·782	·762	·748	·743	·749	·770	·780	·804	·818	·805	·788	·787	·736	·693	·675	·663	·761
21	·678	·654	·717	·740	·750	·778	·771	·754	·728	·708	·697	·699	·712	·725	·738	·757	·770	·776	·755	·725	·689	·655	·621	·606	·719
22	·618	·616	·690	·704	·728	·734	·732	·718	·684	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·691	·705	·709	·724	·740	·754	·781	·798	·798	·774	·759	·719	·686	·656	·642	·715
24	·641	·659	·686	·696	·727	·751	·758	·741	·725	·713	·706	·719	·741	·764	·753	·808	·825	·821	·804	·785	·754	·725	·700	·687	·738
25	·686	·697	·730	·764	·797	·807	·827	·825	·807	·752	·754	·778	·784	·799	·808	·814	·870	·862	·833	·844	·814	·777	·768	·741	·794
26	·725	·744	·779	·805	·838	·845	·846	·837	·829	·813	·804	·794	·795	·818	·833	·849	·873	·889	·859	·847	·824	·798	·766	·754	·814
27	·747	·761	·784	·816	·836	·840	·837	·823	·814	·795	·783	·782	·798	·808	·819	·851	·870	·867	·850	·828	·805	·763	·738	·728	·805
28	·718	·727	·744	·760	·779	·800	·795	·768	·762	·751	·747	·745	·761	·760	·788	·824	·836	·829	·811	·794	·763	·744	·725	·714	·771
29	·718	·727	·738	·754	·779	·808	·823	·815	·787	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·784	·787	·780	·784	·795	·841	·865	·883	·877	·855	·834	·808	·781	·760	·747	·797
Means.	·714	·730	·753	·776	·798	·815	·818	·808	·793	·779	·773	·771	·781	·795	·818	·838	·854	·851	·836	·814	·781	·750	·727	·712	·787

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily Means, and those numbers on the heads of them are the corrections of interpolations.

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BAROMETRIC PRESSURE. (Corrected.)

Barometer at 32° = 29 English Inches + the number in the Table.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. *	In.	In. *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
MAY 1854.										−·0029		−·0063													
1	0·746	0·761	0·776	0·788	0·804	0·812	0·835	0·833	0·818	0·803	0·795	0·793	0·803	0·821	0·850	0·882	0·913	0·909	0·884	0·867	0·846	0·817	0·791	0·776	0·823
2	·789	·799	·813	·838	·861	·880	·880	·878	·871	·854	·843	·854	·876	·900	·918	·936	·945	·946	·933	·996	·899	·874	·855	·836	·875
3	·831	·843	·872	·885	·891	·910	·915	·882	·891	·889	·894	·895	·908	·927	·951	·966	·972	·968	·954	·935	·907	·867	·857	·842	·903
4	·835	·841	·874	·894	·907	·926	·919	·901	·889	·873	·863	·853	·854	·878	·900	·917	·919	·916	·908	·899	·870	·848	·823	·815	·880
5	·799	·810	·837	·861	·883	·895	·887	·872	·865	·849	·810	·839	·849	·869	·856	·908	·923	·922	·911	·828	·868	·840	·829	·818	·865
6	·810	·826	·844	·868	·891	·903	·905	·900	·877	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·863	·856	·843	·842	·859	·882	·911	·925	·924	·911	·891	·863	·825	·800	·779	·866
8	·774	·784	·809	·829	·855	·873	·877	·868	·839	·834	·835	·825	·826	·842	·872	·891	·903	·889	·883	·869	·892	·811	·771	·760	·840
9	·750	·778	·803	·833	·839	·846	·818	·835	·820	·803	·798	·785	·789	·811	·837	·857	·868	·874	·857	·832	·808	·774	·756	·72[illegible]	·814
10	·738	·748	·782	·808	·838	·852	·856	·868	·844	·830	·822	·816	·822	·828	·837	·860	·878	·876	·871	·848	·817	·789	·772	·760	·823
11	·760	·776	·800	·831	·853	·876	·882	·876	·856	·837	·824	·815	·818	·841	·871	·887	·897	·913	·922	·901	·865	·841	·820	·789	·848
12	·783	·797	·815	·827	·869	·878	·875	·858	·840	·833	·833	·826	·831	·864	·886	·905	·903	·898	·884	·857	·842	·826	·805	·786	·847
13	·767	·795	·816	·837	·840	·856	·861	·867	·839	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·845	·857	·858	·870	·889	·898	·916	·916	·914	·902	·838	·865	·841	·822	·803	·857
15	·797	·865	·824	·837	·867	·880	·887	·887	·879	·863	·853	·842	·845	·859	·882	·883	·896	·888	·871	·852	·826	·805	·783	·762	·849
16	·762	·774	·792	·818	·841	·863	·867	·857	·839	·827	·822	·812	·814	·839	·869	·881	·898	·858	·831	·867	·841	·821	·799	·782	·837
17	·781	·789	·801	·825	·855	·874	·889	·891	·889	·874	·866	·861	·867	·881	·921	·941	·843	·940	·917	·901	·869	·845	·820	·806	·869
18	·803	·807	·823	·844	·874	·887	·894	·891	·867	·847	·833	·830	·839	·854	·867	·889	·900	·891	·862	·844	·814	·780	·754	·735	·843
19	·725	·733	·758	·784	·816	·823	·826	·808	·806	·788	·777	·767	·768	·785	·813	·821	·825	·811	·792	·775	·749	·724	·707	·682	·778
20	·688	·655	·722	·746	·774	·792	·806	·803	·780	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·741	·709	·697	·697	·707	·721	·736	·754	·752	·736	·725	·702	·668	·639	·617	·725
22	·611	·619	·638	·661	·675	·697	·705	·653	·681	·656	·637	·621	·617	·635	·689	·678	·691	·690	·678	·655	·638	·620	·604	·586	·652
23	·581	·595	·604	·620	·649	·694	·702	·701	·666	·639	·619	·603	·599	·603	·639	·661	·671	·673	·645	·637	·627	·604	·578	·554	·632
24	·553	·570	·612	·626	·649	·619	·665	·653	·613	·615	·593	·579	·576	·592	·636	·644	·653	·643	·631	·628	·614	·588	·569	·549	·613
25	·529	·529	·558	·603	·623	·632	·636	·620	·606	·592	·585	·580	·587	·556	·599	·618	·623	·632	·618	·602	·589	·562	·536	·503	·590
26	·500	·529	·558	·588	·606	·616	·613	·613	·593	·573	·559	·555	·563	·582	·611	·619	·635	·635	·625	·606	·586	·556	·530	·510	·582
27	·503	·509	·531	·561	·570	·577	·576	·583	·583	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·570	·558	·556	·566	·580	·610	·631	·643	·635	·614	·594	·564	·529	·506	·485	·568
29	·495	·508	·534	·557	·583	·594	·596	·559	·550	·579	·574	·563	·564	·572	·596	·613	·622	·634	·615	·589	·564	·538	·518	·507	·571
30	·506	·516	·539	·567	·583	·600	·595	·588	·580	·565	·556	·551	·559	·581	·603	·612	·626	·624	·609	·598	·558	·544	·519	·505	·570
31	·507	·525	·548	·572	·556	·602	·600	·594	·588	·577	·573	·561	·560	·583	·606	·626	·638	·631	·617	·598	·568	·540	·523	·513	·577
Means.	·694	·706	·729	·752	·774	·790	·792	·786	·772	·756	·747	·740	·745	·762	·786	·804	·814	·812	·797	·781	·755	·729	·707	·685	·759
JUNE 1854.										* −·0029		* −·0048													
1	0·513	0·537	0·566	0·581	0·594	0·603	0·632	0·626	0·617	0·606	0·599	0·594	0·599	0·633	0·640	0·639	0·640	0·622	0·616	0·604	0·571	0·546	0·521	0·515	0·592
2	·519	·531	·551	·570	·579	·591	·601	·596	·631	·570	·565	·561	·566	·592	·629	·650	·652	·672	·662	·648	·620	·602	·578	·567	·594
3	·567	·553	·601	·626	·657	·665	·613	·632	·611	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·628	·631	·651	·661	·671	·706	·708	·716	·722	·712	·699	·673	·651	·625	·628	·654
5	·631	·654	·678	·702	·718	·740	·742	·725	·714	·706	·704	·706	·717	·728	·754	·771	·774	·779	·761	·730	·706	·674	·655	·630	·712
6	·640	·643	·680	·703	·745	·759	·741	·733	·723	·700	·683	·681	·688	·712	·731	·764	·765	·753	·745	·736	·710	·682	·657	·641	·709
7	·635	·651	·655	·680	·658	·715	·719	·714	·705	·698	·688	·689	·700	·726	·749	·749	·753	·753	·737	·720	·703	·679	·652	·643	·700
8	·663	·676	·695	·719	·727	·734	·742	·747	·745	·730	·721	·707	·703	·707	·720	·747	·768	·789	·784	·767	·760	·752	·737	·710	·731
9	·722	·736	·779	·757	·782	·774	·786	·801	·793	·720	·773	·762	·740	·750	·790	·822	·831	·834	·811	·758	·773	·741	·706	·689	·773
10	·674	·689	·702	·726	·760	·784	·808	·795	·789	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·743	·693	·698	·708	·718	·739	·749	·754	·746	·731	·714	·689	·668	·638	·611	·720
12	·607	·664	·694	·706	·710	·712	·727	·728	·724	·699	·680	·672	·674	·688	·715	·724	·722	·733	·718	·698	·674	·644	·615	·603	·689
13	·588	·607	·633	·655	·674	·688	·698	·686	·682	·671	·667	·678	·659	·705	·739	·746	·764	·770	·754	·736	·717	·700	·685	·652	·6[illegible]2
14	·650	·666	·682	·702	·728	·749	·758	·754	·730	·722	·721	·726	·740	·756	·782	·791	·804	·808	·792	·779	·753	·726	·699	·681	·737
15	·669	·682	·704	·728	·747	·786	·778	·779	·763	·749	·741	·739	·717	·760	·775	·789	·800	·799	·788	·782	·738	·710	·668	·658	·744
16	·640	·655	·682	·729	·760	·773	·782	·768	·738	·727	·723	·720	·727	·731	·755	·775	·777	·769	·756	·731	·708	·674	·654	·644	·724
17	·653	·665	·678	·724	·738	·738	·744	·727	·722	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·710	·704	·699	·703	·707	·724	·732	·743	·749	·734	·714	·657	·676	·647	·634	·706
19	·635	·648	·665	·684	·712	·738	·733	·728	·713	·704	·701	·702	·712	·732	·755	·761	·764	·771	·770	·748	·714	·691	·675	·655	·713
20	·663	·682	·708	·722	·755	·767	·710	·762	·752	·744	·742	·739	·745	·757	·777	·791	·795	·785	·781	·751	·725	·697	·663	·659	·740
21	·669	·682	·700	·728	·750	·763	·767	·758	·747	·739	·738	·730	·732	·748	·760	·769	·771	·766	·753	·730	·703	·680	·656	·657	·729
22	·657	·673	·689	·722	·753	·769	·774	·762	·748	·730	·719	·712	·714	·722	·753	·768	·774	·772	·768	·748	·712	·689	·673	·665	·728
23	·659	·673	·695	·719	·750	·761	·764	·752	·728	·705	·689	·690	·701	·717	·741	·743	·761	·770	·766	·760	·748	·729	·707	·696	·726
24	·695	·704	·720	·736	·755	·763	·781	·744	·738	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·739	·747	·729	·720	·741	·760	·774	·789	·789	·766	·754	·727	·701	·679	·668	·737
26	·665	·661	·667	·676	·692	·733	·723	·719	·715	·702	·656	·685	·683	·687	·710	·717	·733	·732	·723	·706	·678	·663	·636	·620	·693
27	·616	·634	·658	·717	·743	·755	·763	·755	·738	·725	·718	·713	·718	·734	·750	·770	·732	·733	·778	·766	·763	·727	·698	·675	·728
28	·670	·691	·715	·748	·773	·801	·826	·822	·804	·793	·789	·770	·760	·766	·791	·806	·809	·805	·793	·770	·754	·729	·714	·701	·767
29	·694	·702	·729	·747	·766	·793	·808	·805	·788	·789	·786	·776	·775	·781	·792	·805	·826	·828	·825	·811	·787	·773	·743	·722	·778
30	·696	·702	·724	·741	·770	·786	·807	·800	·788	·776	·770	·760	·759	·761	·771	·800	·821	·824	·812	·795	·780	·764	·785	·710	·769
Means.	·642	·658	·679	·706	·724	·740	·747	·739	·727	·715	·708	·703	·707	·720	·743	·756	·766	·767	·755	·727	·714	·691	·666	·651	·715

* The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means, and those numbers on the heads of them are the corrections of interpolations.

BAROMETRIC PRESSURE. (Corrected.)

Barometer at 32° = 29 English Inches + the number in the Table.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. *	In.	In. *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
JULY 1854.										-0020		-0035													
1	0.691	0.690	0.706	0.728	0.755	0.757	0.797	0.787	0.769	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0.739	0.716	0.710	0.716	0.726	0.748	0.740	0.777	0.781	0.763	0.757	0.736	0.729	0.716	0.706	0.740
3	·690	·875	·899	·726	·747	·760	·791	·766	·731	·721	·715	·713	·719	·731	761	·777	·756	·796	·730	·769	·754	·733	·711	·655	·740
4	·707	·731	·742	·758	·783	·767	·773	·759	·744	·739	·756	·736	·743	·744	·761	·760	·760	·756	·753	·739	·716	·696	·670	·647	·758
5	·643	·655	·877	·704	·727	·743	·748	·742	·730	·716	·706	·693	·696	·713	·729	·745	·755	·747	742	·722	·663	·637	·622	·694	·703
6	·596	·611	·634	·679	·660	·656	·701	·696	·684	·875	·671	·670	·877	·703	·720	·727	·735	·727	·714	·685	·662	·630	·603	·592	·674
7	·587	·557	·620	·652	689	·703	·714	·706	·720	·714	·715	·704	·702	·702	717	·733	757	·729	·708	·691	·663	·648	·619	·609	·688
8	610	·621	·644	·679	·857	725	·721	·728	·701	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·699	·702	·702	·709	·713	·723	·718	·722	·746	·746	·748	·731	·703	·696	·883	·703
10	·679	687	·652	·702	·731	·746	·754	·753	·746	·739	·737	·710	·691	·691	·706	·723	·733	·762	748	·725	·703	·676	·667	·640	·713
11	·635	·646	·055	·690	·697	741	·747	·740	·732	·706	·633	·664	·652	·660	·687	·693	·713	·724	·718	·697	·873	·646	·819	·590	·653
12	·564	·593	·827	·645	·668	·677	·839	·682	·671	·647	·627	·626	·637	·657	·663	·683	·896	·690	·680	·659	·842	·618	·601	·577	·648
13	·571	·561	·620	·652	·655	·870	·690	·674	·636	·815	·637	·630	·670	·640	·660	·676	·636	·697	·881	·868	·649	·618	·587	·562	·646
14	·566	·584	·603	·649	·656	·830	·696	·690	·666	·660	·653	·656	·662	·880	·711	·720	·736	·740	·736	·752	·787	·709	·689	·633	·676
15	676	·645	·710	·722	·731	·761	·735	·719	·697	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·660	·627	·625	·630	·639	·647	·669	·685	·878	·661	·630	·698	·536	·522	·523	·857
17	·513	·616	·551	·584	·804	·821	·633	·643	·610	605	·604	·608	·619	·639	·667	·674	·683	·684	·680	·664	·641	·606	·589	·566	·816
18	·589	·808	·829	·861	·679	·699	·716	·708	·657	·630	·868	·868	875	·890	·726	·742	·756	·733	·737	·711	·671	·688	·615	·611	·660
19	·610	·621	850	·861	·679	·699	·707	·700	·697	·687	·853	680	·686	·895	·715	·727	·743	·734	·766	·698	·662	·630	·611	·604	·679
20	·608	·818	·841	·676	·619	·713	·728	·724	·713	·704	·698	896	·706	·710	·782	·751	·753	·756	·742	·718	·690	·660	·632	·817	·695
21	·617	·831	866	·855	·708	·727	·759	·769	·717	·714	·713	·716	·725	·766	·750	·771	·770	·773	·766	·753	·721	·700	·688	·669	·716
22	·660	·658	·666	·699	·713	·726	·739	·756	·724	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—0	—	—	—	—	—	·728	·724	·717	·717	·728	·733	·756	·764	·759	·745	·725	·694	·661	·626	·661	·709
24	·613	·858	·873	·70	·701	·715	·727	·718	·704	·857	·694	·696	·705	·716	·731	·748	·780	·763	·755	·730	·715	·692	·671	·857	·706
25	·840	·653	·678	·694	·724	·733	·741	·743	·734	·727	·724	·723	·769	·741	·734	·776	·766	·756	·780	·758	·726	·705	·677	·853	·723
26	·837	·649	·854	·678	·698	·707	·713	·714	·708	·701	698	·694	·697	·707	·724	·743	·749	·738	·734	·729	·703	·684	·648	·681	·699
27	·625	·633	·851	681	·706	·716	·724	·716	·713	·707	·706	·706	·711	·725	·764	·776	·777	·778	·767	·752	·715	·690	·673	·658	·711
28	·555	·673	·658	·756	·771	·783	·783	·781	·771	·706	·756	·756	·762	·739	·829	·840	·658	·836	·622	·797	·770	·746	·721	·716	·766
29	·706	·711	·728	·776	·757	·806	·817	·613	·795	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·746	·694	·689	·692	·856	·710	·733	·750	·743	·743	·728	·702	·671	·650	·627	·729
31	820	·635	·645	·699	·719	·722	·717	·701	·687	·679	·675	·679	·651	·695	·713	·725	·729	·726	·719	·709	·681	·665	·844	·621	·688
Means.	·663	·582	·660	·689	·706	·726	·763	·723	·712	·699	·691	·657	·691	·709	·768	·736	·746	·748	·737	·719	·698	·667	·645	·629	·657
AUGUST 1854.										* -0016		* -0000													
1	0·615	0·620	0·633	0·647	0·673	0·683	0·698	0·692	0·679	0·676	0·677	0·694	0·698	0·700	0·723	0·730	0·740	0·743	0·734	0·700	0·672	0·653	0·622	0·614	0·680
2	·606	·661	·649	·666	·700	·719	·722	·707	·703	·693	·691	·700	·715	·733	·737	·761	·769	·787	·750	·728	·693	·664	·633	·630	.695
3	·619	·648	·667	·696	·735	·746	·756	·730	·738	·761	·729	·726	·733	·746	·764	·782	·789	·765	·776	·749	·721	·886	·656	·631	·723
4	·631	·678	708	·728	·767	·771	·764	·764	·756	.743	·732	·757	·743	·760	·785	·600	·816	·808	·600	·776	·746	·723	·767	·689	·748
5	·658	·706	·740	·761	·784	·615	·620	·836	·823	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·797	·775	·776	·788	·789	·799	·844	·657	·840	833	·800	·775	·736	·709	·676	·762
7	·669	·696	·727	·749	·754	769	·779	·763	·779	·743	·711	·711	·716	·730	·759	·786	·802	·805	·786	·762	·730	·701	·678	857	·743
8	·654	·076	·701	·709	·729	·736	·749	·747	·723	·708	·657	·704	·717	·726	·758	·770	·789	·758	·779	·757	·732	·697	·668	·863	·724
9	·662	·690	·729	·748	·770	·782	·792	·601	·795	·769	·749	·749	·755	·760	·781	·793	·810	·613	·800	·776	·750	·723	·699	·673	·737
10	657	·768	·745	·778	·819	·640	·836	·818	·811	·786	·766	·738	·756	·776	·799	·807	·823	·608	·786	·765	·751	·709	676	·656	770
11	·643	·667	·679	·713	·750	·761	·749	·759	·726	·705	·686	·696	·712	·724	·743	·783	·776	·786	·772	·740	·718	·675	·846	·631	·716
12	·823	876	·683	·704	·736	·747	·741	·731	·721	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·767	·756	·734	·736	·753	·774	·796	·603	·814	·789	·770	·744	·760	·704	·612	·785
14	·612	·720	·730	·773	·776	·756	·819	·610	·762	·775	·773	·769	·774	·700	·615	·831	·845	·637	·623	·804	·780	·746	·717	·712	·779
15	·715	·731	·730	·786	.756	·628	·818	·816	·604	·791	·762	·781	·768	·798	·828	·843	·655	·856	·839	·803	·785	·761	·744	·724	·792
16	·716	728	·742	·774	·798	·618	·885	·831	·616	·806	·601	·800	·604	·619	·834	·856	·867	·657	·858	·850	·808	·771	·750	·740	·806
17	736	·749	·779	·806	·823	·838	·816	·836	·827	·813	·804	·606	·806	·615	·851	·859	·641	·837	·825	·609	·764	·763	·749	·745	·814
18	·747	·760	·772	·807	·635	·651	·842	·639	·826	·809	·798	·794	·758	·814	·805	·816	·631	·829	·808	·790	·779	·767	·753	·756	·800
19	·743	·777	·819	·627	825	863	·515	·809	·794	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·789	.769	·789	·794	813	·826	·647	859	·867	·850	·822	·786	·758	·726	·708	·802
21	704	·712	·753	·759	·785	·608	·803	·604	·768	·779	·775	·778	·785	·802	·816	·847	·873	·871	·863	·865	·793	·757	·723	·709	·788
22	·656	704	·731	·743	·768	·798	·739	765	·775	·763	·738	·736	·756	·750	·759	·753	·620	·851	·824	·750	·773	·732	·711	·701	·766
23	·711	·748	·783	·618	·831	·622	·800	·794	.783	·771	·765	·765	·770	·773	·786	·782	·800	·806	·767	·770	·732	·736	·764	·708	·775
24	·706	·721	·749	·785	·791	·611	·518	802	·786	·771	·760	·755	·752	·756	·767	·796	·809	·507	·794	·769	·741	·724	·707	·899	·763
25	·616	·715	·756	·770	785	·755	·795	·787	·784	·772	·784	·771	·794	·808	·616	·623	·642	·837	·831	·806	779	·756	735	·717	·780
26	·713	·726	·754	·777	·756	·615	·614	·610	·802	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·769	·740	·731	723	·747	·756	·774	·764	·768	·755	·744	·712	·674	·689	·858	·751
28	·647	·661	·808	·768	·739	·749	·771	·771	·750	·753	·719	·716	·713	·735	·761	·771	·770	·749	·733	·706	·695	·683	·673	·661	·723
29	653	·671	·699	·716	·761	·740	·754	·748	·721	·699	·852	·638	·693	·707	·717	·736	·764	·778	·767	·743	·726	·702	·676	·645	·715
30	·648	·662	·678	·654	·715	·736	·740	·731	·717	·666	·683	·898	·659	·711	·719	·742	·752	·742	·725	·708	·676	·642	·624	·606	·697
31	·610	·627	·655	·671	·686	·709	·710	·867	·874	·662	·685	·654	·659	·670	·676	·690	·706	·708	·684	·665	·883	·603	·631	·563	·660
Means.	·676	·697	·722	·745	·766	·781	·786	·779	·766	·751	·741	·741	·747	·769	·777	·794	·807	·806	·791	·763	·743	·716	·696	·676	·751

* The numbers in these columns are not observed: but interpolated for the sake of obtaining the daily Means, and those numbers on the heads of them are the corrections of interpolations.

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BAROMETRIC PRESSURE. (Corrected.)

Barometer at 32° = 29 English Inches + the number in the Table.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. * −·0027	In.	In. * −·0057	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
SEPTEMBER 1854. 1	0·562	0·674	0·596	0·613	0·650	0·653	0·646	0·636	0·630	0·617	0·611	0·600	0·619	0·631	0·651	0·666	0·694	0·697	0·661	0·647	0·634	0·611	0·604	0·579	0·630
2	·874	·504	·618	·847	·868	·683	·638	·574	·657	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·679	·697	·687	·888	·709	·738	·758	·781	·782	·785	·743	·724	·708	·684	·671	·693
4	·675	·681	·701	·722	·741	·765	·789	·754	·738	·738	·749	·738	·734	·717	·742	·789	·782	·789	·780	·760	·730	·702	·845	·876	·735
5	·671	·683	·713	·723	·743	·775	·783	·773	·748	·729	·718	·709	·714	·723	·734	·753	·761	·768	·757	·728	·889	·859	·828	·622	·721
6	·662	·697	·886	·894	·701	·728	·727	·719	·709	·685	·668	·672	·637	·856	·711	·740	·763	·765	·757	·740	·718	·690	·674	·849	·705
7	·638	·881	·690	·709	·723	·722	·728	·725	·705	·698	·687	·680	·884	·695	·715	·739	·741	·740	·731	·703	·872	·639	·618	·595	·693
8	·594	·517	·629	·639	·878	·687	·700	899	·691	·877	·670	·670	631	·852	·698	·730	·725	·729	·732	·713	·636	·660	·636	·618	·677
9	·614	·639	·650	668	·831	·694	·698	654	·877	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·639	·647	·643	831	·656	·678	·892	·715	·729	·719	·658	·657	·632	·598	·585	·665
11	·581	·604	·824	·845	·663	·681	·679	·678	·670	·861	·659	·663	·679	·690	·702	·734	·743	·747	·748	·718	·682	·857	·636	·625	·674
12	·624	·633	·649	·878	·898	·725	·725	·716	·702	·695	·893	·855	·707	·719	·734	·748	·761	·754	·737	·709	·677	·853	·631	·815	·695
13	·618	·840	·655	·683	·705	·781	·740	·737	·728	·716	·715	·714	·724	·730	·751	·783	·795	·793	·780	·750	·714	·694	·873	·670	·713
14	·675	·686	·710	·744	·767	·785	·781	·789	·759	·747	·741	·740	·751	·777	·796	·821	·833	·831	816	796	·764	·737	·711	·704	·760
15	713	·748	·772	·793	·818	·839	·826	·821	·787	·784	·787	·790	·805	·815	·833	·840	·866	·865	·845	·839	·809	·788	·758	·795	·808
16	·748	·756	·786	·814	·847	·847	·840	·831	·804	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·794	·790	·798	·808	821	·844	·859	·880	·880	·864	·835	·796	·758	·749	·741	·812
18	·748	·757	·785	·805	·828	·845	·851	·831	813	·806	·806	·803	·817	·838	·858	·879	·885	·886	·874	·842	·803	·778	·756	·750	·819
19	·782	·779	·808	·836	·840	·858	·878	·858	·847	·827	·814	·813	·824	·848	·863	·881	·883	·879	·855	·824	·752	·753	·737	·725	·833
20	·736	·760	·790	·812	·844	·856	·860	·853	·851	·829	·813	·814	838	846	·864	·883	·883	·881	·870	·835	·793	·757	·742	·731	·822
21	·745	·757	·788	·807	·837	·842	·848	·843	·831	·807	750	·795	·811	·818	·819	·843	·855	·851	·847	·821	·787	·755	·723	·712	·805
22	·768	719	·740	·774	·787	·798	·794	·781	·771	·751	·733	·735	·743	·753	·769	·793	·806	·808	·791	·708	·730	·856	·674	·659	·753
23	·654	·671	·690	·711	·737	·748	·747	·739	·728	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·719	·717	·720	·734	·749	·768	·786	·798	·801	·786	·768	·732	·708	·683	·877	·739
25	·881	·707	·731	·788	·777	·788	·783	·777	·768	·760	·757	·764	·762	·778	·793	·811	·813	·814	·804	·780	·753	·731	·714	·704	·762
26	·718	·730	·761	·782	·804	·813	·828	·814	·800	·787	·731	·778	·787	·792	·806	·826	·839	·840	·822	·796	·789	·754	·736	·730	·787
27	·738	·749	·774	·810	820	·831	·839	·834	·824	·516	·802	·798	·808	·809	·837	·853	·865	·870	·842	819	·805	·786	·754	·743	·808
28	·755	·765	·782	·822	·836	·857	·851	·844	·837	·816	·800	·799	·816	·820	·856	·874	·857	·881	·865	·832	·780	·746	·728	·718	·814
29	·714	·740	·808	·818	·843	·845	·834	·819	·800	·793	·793	·782	·788	·788	·825	·846	·857	·863	·835	·815	·788	·747	·729	·782	·799
Means.	·678	·694	·718	·740	·761	·775	·777	·760	·755	·743	·738	·786	·745	·785	·774	·756	·808	·810	·798	·771	·739	·711	·880	·678	·743
										* −·0037		* −·0047													
September. 30	0·730	0·747	0·791	0·791	0·822	0·824	0·824	0·814	0·825	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
OCTOBER 1854. 1	—	—	—	—	—	—	—	—	—	0·803	0·790	0·785	0·790	0·797	0·814	0·838	0·848	0·841	0·826	0·799	0·787	0·737	0·717	0·700	0·791
2	·719	·783	·748	·778	·801	·808	·818	·803	·783	·769	·749	·748	·744	·767	·774	·783	·780	·789	·773	·744	·714	·874	·652	·648	·780
3	·684	·686	·781	749	·750	·778	·775	·712	·731	·724	·726	·711	·706	·709	·731	·768	·790	·798	·779	·758	·728	·690	·678	·644	·730
4	·634	·654	·702	·731	·754	·767	·758	·725	·709	·650	·679	·675	580	·700	·735	·761	·780	·787	·773	·748	·781	·684	·858	·859	·718
5	·574	·592	·710	·732	·768	·782	·784	·787	·743	·725	·716	·722	·788	·755	·783	·800	·824	·828	·807	·779	·750	·780	·724	·720	·752
6	·730	·735	·754	·768	·788	·759	·754	·753	·786	·770	·763	·765	·778	·785	·816	·839	·847	·850	·824	·801	·771	·746	·729	·737	·781
7	·745	·750	·767	·789	·808	·818	·598	·820	·802	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·829	·854	·853	·851	·663	·888	·608	·928	·913	·908	·878	·844	·823	·808	·800	·836
9	·814	·829	·853	·878	·909	·916	·916	·911	·838	·878	·876	·873	890	·904	·919	·943	·953	·939	·934	·908	·867	·834	·821	·817	·887
10	·830	·849	·874	·895	·909	·930	·990	·911	·869	·883	·886	·883	·891	·897	·921	·933	·943	·941	·910	·878	·818	·818	801	·798	·885
11	·752	·802	·816	·843	·867	·830	·888	·878	·853	·848	·888	·841	·854	·877	·898	·911	·918	·918	·894	·870	·839	·812	·794	781	·854
12	·788	·795	·818	·847	·870	·880	·874	·867	·849	·848	·844	·850	·866	·886	·898	·918	·924	·928	·895	·875	·858	·833	·814	·805	·859
13	·814	·837	·868	·899	·928	·944	·931	·927	·910	·864	·806	·854	·857	·867	·900	·926	·943	·949	·936	·914	·885	·860	·841	·833	·890
14	·837	·858	·883	·924	944	·968	·972	·966	·934	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·912	·899	·851	·818	·909	·933	·963	·987	·992	·970	·929	·890	·861	·854	·859	·917
16	·869	·881	·906	·937	·968	·958	·968	·944	·908	·889	·878	·879	·870	·908	·937	·970	·998	·980	·953	·914	·885	·863	·843	·834	·914
17	·820	·858	·858	·902	·914	·933	·912	·903	·878	·868	·853	·851	·849	·882	·901	·913	·938	·938	·926	·887	·853	·835	·823	·821	·880
18	·840	·849	·857	·853	·879	·831	·881	·858	·856	·837	·832	·827	·882	·860	888	·915	·918	·917	·918	·865	·855	·820	·801	·756	·859
19	·776	·791	·819	·849	·869	·574	·860	·843	·829	·518	·818	·818	·825	·847	·850	·879	·901	·904	·888	·867	·848	·824	·814	·805	·843
20	791	·801	·826	·861	·8 8	·877	·879	·855	·839	·824	·825	·810	·824	·847	·878	·902	·934	·938	·908	·887	·850	·820	·795	·788	·852
21	·803	·820	·849	·867	·888	·909	·815	·864	·848	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·826	·812	·804	·806	·827	·847	·861	·834	·880	·864	·839	·813	·794	·785	776	·840
23	·789	·802	·825	·843	·853	·861	·863	·850	·831	·810	·798	·799	·810	·830	·845	·861	·874	·883	·863	·848	·826	·815	·808	·815	·833
24	·816	·815	·823	·852	·864	·868	·874	·865	·849	·831	·822	·813	·813	·837	·854	·869	·885	·884	·882	·873	·848	·814	·790	·786	·843
25	·789	·810	·833	·856	·855	857	·884	·869	·855	·836	·823	·813	813	·834	·858	·869	·891	·889	·877	·861	831	·801	·795	·775	·843
26	·787	·798	·817	·844	·852	·859	·856	·836	·822	·805	·797	·803	·819	·842	·849	·863	·886	·886	·871	·850	·820	·800	·776	·767	·829
27	·784	·781	·804	·838	·848	·851	·824	·786	·778	·760	·758	·748	·749	·782	·695	·747	·753	·797	·797	·791	·778	·767	·784	·753	·778
28	·768	·789	·792	807	·834	·822	·821	·809	·797	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·819	·814	·805	·810	·837	·861	·887	·914	·919	·858	·884	·857	·827	·808	·799	·833
30	·868	·818	·887	·878	·893	·905	·899	·880	·873	·854	·843	·843	·852	·878	·905	·931	·954	·955	·941	·914	·835	·867	·849	·844	·879
31	·854	·863	·897	·935	·952	·949	·938	·920	·913	·904	·904	901	·928	·925	·947	978	·989	·990	·971	942	·857	·873	·853	·844	·918
Means.	·780	·794	·817	·843	·868	·871	·867	·851	835	·823	·818	·813	·820	·837	·856	·878	·897	·858	·881	·855	·828	·801	·785	·777	·837

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BAROMETRIC PRESSURE (Corrected).

Barometer at 32° = 29 English Inches + the number in the Table.

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Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. *	In.	In. *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
NOVEMBER 1854.										-·0024		-·0019													
1	0·811	0·816	0·890	0·917	0·934	0·941	0·932	0·930	0·907	0·891	0·886	0·875	0·876	0·901	0·925	0·943	0·949	0·971	0·946	0·908	0·867	0·842	0·823	0·818	0·899
2	·825	·841	·875	·897	·928	·934	·923	·904	·882	·864	·851	·850	·861	·878	·906	·929	·952	·956	·949	·922	·893	·869	·843	·840	·890
3	·850	·860	·876	·884	·926	·945	·930	·913	·895	·874	·858	·844	·842	·855	·884	·898	·914	·932	·929	·889	·855	·848	·838	·826	·882
4	·836	·843	·847	·859	·880	·895	·887	·871	·866	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·834	·827	·824	·833	·850	·862	·889	·908	·901	·889	·860	·837	·804	·787	·793	·853
1	·803	·821	·840	·858	·884	·889	·891	·882	·859	·852	·849	·841	·845	·855	·872	·902	·922	·929	·923	·892	·870	·844	·837	·841	·867
7	·854	·883	·902	·933	·957	·962	·941	·924	·913	·899	·890	·893	·908	·918	·935	·959	·978	·984	·960	·938	·911	·888	·867	·868	·919
8	·883	·890	·931	·958	·980	·985	·981	·959	·950	·934	·923	·924	·937	·959	·984	·993	1·005	1·003	·989	·980	·961	·942	·940	·927	·955
9	·941	·957	·985	1·005	1·013	1·019	1·008	1·001	1·000	·990	·984	·984	·996	1·008	1·023	1·048	·060	·073	1·054	1·036	1·012	·984	·978	·980	1·006
10	·986	·999	1·009	·037	·050	·054	·044	·032	·023	1·000	·982	·978	·986	0·993	·015	·012	·063	·066	·051	·036	·000	·981	·967	·971	·015
11	·983	·991	0·997	·020	·934	·037	·031	·022	·017	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	0·983	·948	·947	·957	·966	0·981	·008	·026	·032	·008	0·985	0·956	·929	·921	·917	0·987
13	·934	·945	·968	0·994	·008	·012	·005	0·985	0·969	·949	·934	·931	·939	·945	·972	0·996	·009	·010	·001	·965	·940	·910	·898	·890	·963
14	·898	·918	·941	·965	0·973	0·976	0·970	·958	·940	·928	·920	·918	·927	·938	·960	·984	·002	·003	0·998	·966	·938	·915	·898	·910	·948
15	·920	·932	·957	·986	1·002	1·010	1·004	·994	·982	·956	·935	·932	·941	·958	·984	1·002	·024	·034	1·031	·996	·974	·946	·938	·931	·974
16	·947	·965	·986	1·011	·027	·040	·026	1·013	·994	·981	·972	·969	·978	·991	1·013	·043	·063	·062	·048	1·025	1·003	·982	·965	·960	1·003
17	·973	·993	1·011	·035	·041	·046	·040	·022	1·004	·985	·971	·955	·950	·976	0·989	·011	·038	·029	·018	0·997	0·962	·941	·927	·917	0·993
18	·930	·947	0·966	0·996	·002	·007	·009	0·993	0·971	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·968	·954	·946	·950	·956	·980	·005	·016	·031	·012	·986	·959	·935	·931	·925	·974
20	·933	·940	·967	·996	·008	·011	·012	·992	·969	·954	·943	·940	·948	·963	·989	·007	·024	·035	·017	·988	·969	·943	·936	·929	·976
21	·951	·964	·993	1·013	·015	·032	·020	1·009	1·005	·975	·949	·938	·938	·951	·988	·008	·015	·029	·010	·996	·967	·935	·931	·927	·982
22	·939	·951	·971	0·997	0·997	·006	·007	0·980	0·968	·939	·915	·900	·896	·913	·937	0·950	0·965	0·974	0·962	·944	·925	·884	·883	·882	·945
23	·897	·912	·920	·945	·968	0·986	0·990	·952	·938	·917	·900	·890	·891	·907	·930	·962	·976	·991	·968	·943	·921	·883	·891	·894	·932
24	·929	·938	·967	·979	·994	1·003	·987	·975	·959	·946	·938	·938	·950	·963	1·002	1·018	1·044	1·035	1·066	1·001	·957	·941	·929	·937	·974
25	·947	·962	·984	1·009	1·018	·025	1·016	1·003	·974	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·951	·933	·929	·937	·951	0·978	·003	·015	·015	0·990	0·956	·919	·891	·882	·878	·965
27	·898	·915	·948	0·978	·000	·006	0·988	0·982	·979	·950	·925	·921	·929	·947	·974	0·996	·013	·018	1·005	·988	·957	·935	·909	·906	·961
28	·917	·930	·961	·991	·004	·013	1·019	1·005	1·001	·977	·957	·955	·964	·974	1·001	1·023	·043	·051	·036	1·009	·977	·949	·934	·932	·984
29	·944	·958	·982	1·004	·021	·026	·032	·026	·005	·996	·991	·986	·993	1·009	·021	·048	·066	·067	·048	·031	1·007	·986	·972	·970	1·008
30	·988	1·001	1·023	·045	·058	·057	·040	·030	·026	1·018	1·016	1·014	1·024	·034	·058	·069	·082	·078	·063	·034	·003	·975	·961	·959	·027
Means.	·913	·927	·950	·974	·989	·997	·990	·976	·961	·943	·929	·924	·931	·944	968	·990	·007	·012	·999	·972	·944	·919	·907	·905	·957
DECEMBER 1854.										* -·0013		* -·0080													
1	0·971	0·978	1·015	1·030	1·046	1·061	1·047	1·035	1·029	1·013	0·999	0·959	0·991	1·011	1·029	1·050	1·062	1·066	1·041	1·008	0·980	0·955	0·945	0·939	1·012
2	·949	·958	0·979	0·995	·004	·008	0·991	0·977	0·965	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	0·956	·949	·939	·941	0·963	0·974	·000	·020	·016	·007	0·984	·949	·932	·926	·935	0·972
4	·939	·947	·978	1·005	·027	·029	1·016	1·011	·988	·973	·961	·959	·969	·975	1·002	·024	·047	·051	·041	1·008	·988	·957	·945	·950	·991
5	·958	·975	1·005	·024	·047	·052	·044	·033	1·015	1·003	·994	·991	·999	1·007	·030	·056	·080	·083	·067	·039	1·009	·984	·963	·959	1.017
6	·971	·978	0·992	·010	·024	·025	·007	·000	0·982	0·970	·960	·956	·964	0·979	0·997	·019	·035	·035	·009	0·983	0·919	·926	·901	·899	0·982
7	·907	·920	·939	0·967	0·980	0·979	0·968	0·965	·955	·944	·935	·926	·928	·945	·969	0·983	·000	·001	0·991	·958	·935	·918	·899	·894	·950
8	·910	·921	·941	·964	·977	·977	·969	·961	·955	·943	·934	·931	·940	·953	·968	·996	·012	·016	1·002	·973	·948	·928	·901	·905	·955
9	·918	·937	·962	·993	1·009	1·015	1·012	·997	·991	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·992	·996	·991	·998	1·003	1·028	1·061	·085	·086	·082	1·061	1·037	1·009	·999	·997	1·011
11	1·001	1·016	1·042	1·067	·086	·093	·088	1·076	1·054	1·057	1·052	1·047	1·034	·062	·078	·104	·116	·115	·107	·076	·053	·021	1·006	1·008	·062
12	·016	·025	·057	·078	·100	·105	·095	·084	·078	·064	·053	·045	·049	·055	·085	·105	·128	·133	·124	·095	·070	·046	·031	·025	·073
13	·041	·059	·082	·100	·108	·121	·111	·089	·085	·072	·061	·051	·052	·059	·072	·091	·111	·112	·099	·065	·035	·004	0·989	0·993	·069
14	0·990	·013	·024	·053	·076	·085	·075	·070	·055	·036	·020	·014	·020	·034	·041	·064	·078	·077	·069	·041	·014	0·979	·959	·952	·035
15	·959	0·965	0·996	·021	·038	·045	·040	·027	0·996	0·984	0·974	0·962	0·961	0·972	0·995	·023	·047	·046	·034	·010	0·982	·956	·943	·941	0·997
16	·947	·961	·980	0·996	·012	·024	·020	·004	·996	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·988	·983	·980	·988	1·006	1·021	·049	·075	·084	·068	·053	1·024	·996	·986	·978	1·010
18	·990	·999	1·025	1·045	·057	·056	·049	·033	1·018	·999	·983	·971	·970	0·978	0·996	·022	·039	·040	·025	·006	0·963	·935	·922	·912	·001
19	·929	·948	0·969	0·981	0·994	·002	0·995	0·985	0·982	·965	·950	·944	·949	·961	·986	·016	·038	·045	·042	·010	·978	·951	·937	·933	0·979
20	·935	·946	·961	·987	·996	·008	1·004	·991	·980	·967	·956	·950	·956	·964	·984	·002	·019	·024	·014	·000	·965	·942	·925	·920	·975
21	·933	·942	·959	·985	·998	·000	0·992	·975	·967	·948	·931	·927	·935	·929	·952	0·971	0·986	0·996	0·997	0·961	·930	·915	·895	·900	·955
22	·914	·930	·959	·983	·985	0·995	·980	·969	·956	·949	·944	·936	·940	·946	·962	·982	·998	1·002	·993	·962	·927	·901	·888	·884	·954
23	·899	·909	·932	·953	·961	·968	·963	·955	·938	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·903	·869	·864	·871	·873	·891	·919	·937	0·938	·937	·911	·880	·859	·847	·845	·909
25	·870	·880	·897	·929	·947	·944	·943	·934	·923	·895	·870	·871	·883	·902	·915	·942	·963	·969	·961	·944	·910	·886	·867	·859	·913
26	·877	·885	·901	·935	·952	·957	·954	·942	·934	·911	·891	·888	·897	·911	·942	·971	·992	1·000	·982	·972	·940	·917	·895	·891	·931
27	·897	·914	·943	·968	·982	·980	·979	·969	·958	·934	·913	·908	·915	·925	·944	·974	·995	0·995	·985	·960	·935	·899	·885	·889	·944
28	·900	·913	·930	·954	·979	·981	·972	·966	·946	·924	·905	·898	·902	·912	·933	·964	·977	·995	·997	·965	·940	·902	·887	·882	·939
29	·902	·913	·934	·956	·974	·981	·973	·962	·940	·929	·921	·915	·921	·930	·953	·976	1·002	1·009	1·006	·987	·960	·929	·905	·910	·949
30	·920	·941	·967	·992	1·012	1·016	1·012	1·007	1·001	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	·971	.944	·937	·942	·955	·972	1.005	·019	·021	·011	·987	·956	·935	·910	·906	·972
Means.	·940	·953	·976	·999	·014	·020	·012	·001	·988	·973	·960	·953	·959	·970	·989	·014	·033	·037	·027	·001	·971	·945	·929	·927	·983

* The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means, and those numbers on the heads of them are the corrections of interpolations.

DRY THERMOMETER (STANDARD).

Gottingen Mean Time / Madras Mean Time	Noon. P. M. h. m. 4 41	1 h. m. 5.41	2 h. m. 6.41	3 h. m. 7.41	4 h. m. 8 41	5 h. m. 9.41	6 h. m. 10 41	7 h. m. 11.41	8 h. m. 12.41	9 h. m. 13.41	10 h. m. 14.41	11 h. m. 15.41	12 h. m. 16 41	13 h. m. 17 41	14 h. m. 18.41	15 h. m. 19 41	16 h. m. 20.41	17 h. m. 21.41	18 h. m. 22.41	19 h. m. 23.41	20 h. m. 0.41	21 h. m. 1.41	22 h. m. 2.41	23 h. m. 3.41	Daily and Monthly Means.
	°	°	°	°	°	°	°	°	°	° *	°	° *	°	°	°	°	°	°	°	°	°	°	°	°	°
December 31	78·6	76·8	75.1	74·0	72·3	70·6	69·8	69·0	68·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
JANUARY 1854. 1	—	—	—	—	—	—	—	—	—	70·4	69·6	68·8	68·0	67 7	67·8	70·3	74·2	78·3	79·8	80·7	80·8	80·2	80·3	79·6	73·8
2	79·0	77·5	76·1	76·0	75·0	73·8	72·9	71·7	70·0	69·1	68·2	67·5	66·8	66·6	67·2	69·3	74·3	78·4	79·7	79·7	80·0	79·8	80·3	79·3	74·1
3	78·7	78·8	75·8	75·3	74·9	73·0	72·4	71·0	68·5	67·4	66·3	65·8	65·2	65 1	65·2	68·6	73·3	76·5	78·7	79·4	79·8	79·5	79·4	79·0	73·1
4	78·0	76·3	75·0	73·7	72·3	71·7	70·4	69·8	68·8	68·5	68·3	67·7	67·1	66·3	66·3	69·3	73·2	76·7	79·1	79·8	80·7	80·6	79·6	79·9	73·3
5	78·4	76·5	75·3	74·3	73·1	72·0	71·8	71·0	70·5	69·6	68·8	87·2	65·5	65 6	65·2	67·7	72·8	78·7	79·5	80·4	81·0	81·4	81·0	80·4	73·6
6	79·0	77·6	76·5	75·9	75·4	75·3	74·6	73·3	71·9	70·4	69·0	68·5	68·0	68·2	69·1	71·3	74·8	77·1	79·4	80·8	81·6	81·0	80·8	80·4	75·0
7	79·4	77·8	76·7	76·3	75·9	75·7	75·5	73·5	73·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	74·3	73·8	73·3	72·8	72·6	72·3	73·9	76·7	80·1	82·6	82·3	83·7	83·3	81·2	77·4	76·8
9	77·0	76·6	76·6	76·6	76·5	76·5	76·5	76·8	77·3	77·1	77·0	76·7	76·3	76·3	76·6	78·6	80·3	81·9	82·8	83·5	83·5	83·1	82·5	81·6	78·7
10	81·3	79·6	78·1	78·0	78·0	78·0	76·2	75·8	75·7	75·6	75·6	75·1	74·6	73·3	73·2	75·0	78·6	80·0	81·0	81·7	81·5	81·6	81.0	80·2	77·9
11	79·5	78·3	77·5	77.0	76·6	76·4	76·0	75·0	74·1	72·5	71·0	70·7	70·3	70 0	69·4	71·4	73·2	77·4	80·4	80·5	81·2	80·5	80·4	80 4	75·8
12	78·8	77·8	76·4	75·7	75·5	75·4	75·0	74·7	72·4	71·1	69·9	69·5	69·0	68·3	68·2	71·0	74·7	77·6	78·7	79·5	80·2	80·3	80·2	80·0	75·0
13	79·2	77·4	76·2	75·9	75·8	75·5	75·2	74·7	73·5	71·9	70·4	70·2	70·0	69·5	69·5	71·3	75·2	78·3	79·8	80·2	80·6	80·2	80·4	80·2	75·5
14	79·1	77·8	76·7	76·0	76·0	74·7	74·7	72·8	71·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	72·2	71·7	71·2	70·7	70·0	69·0	71·7	75·6	78·1	79·7	80·7	81·7	81·8	81·7	81·2	75·7
16	80·4	78·7	77·0	76·6	76·0	75·5	73·9	73·9	72·4	72·0	71·7	70·9	70·0	69·7	69·9	72·5	75·2	79·0	80·7	81·0	81·5	81·8	81·7	81·3	76·0
17	79·8	78·5	77·2	76·7	76·3	76·5	76·0	75·3	74·2	73·4	72·6	71·7	70·7	70·4	70·7	71·8	76·6	79·7	80·9	81·8	82·4	82·0	82·0	81·9	76·6
18	80·6	78·9	77·9	77·0	76·7	76·1	74·0	72·6	71·7	71·2	70·8	70·9	70·9	70·0	70·1	72·6	76·2	78·8	81·6	82·2	83·2	83·0	82·5	82·0	76·3
19	81·1	78·9	78·2	77·7	77·3	76·9	76·5	75·9	74·7	72·7	70·7	69·5	68·3	67·7	67·7	71·0	75·3	78·6	79·7	80·1	80·2	80·5	80·5	80·1	75·8
20	78·8	77·6	76·5	76·2	75·7	75·5	75·1	75·5	75·1	75·0	75·0	75·0	75·0	74·5	72·9	73·5	76·5	78·7	79·7	80·1	80·7	80·8	80·0	79·8	76·8
21	78·6	77·8	76·8	76·4	75·5	75·4	75·4	75·4	75·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	75·6	75·4	75·2	75·0	72·2	70·6	74·2	78·3	79·4	80·6	81·6	81·6	81·6	82·0	81·2	77·1
23	80·0	78·2	76·8	76·5	76·4	76·2	76·0	75·8	75·2	74·8	74·5	74·1	73·7	72·3	71·0	73·5	77·3	79·0	80·4	80·4	80·4	80·5	80·4	80·5	76·8
24	79·3	77·7	76·4	75·7	75·3	74·5	74·1	73·7	73·6	71·9	70·3	69·3	68·2	68·0	67·6	70·0	73·8	77·4	79·9	80·7	80·6	80·8	80·5	79·8	75·0
25	79·4	77·7	76·3	75·7	75·5	74·6	73·0	71·0	70·0	69·5	69·0	68·5	68·0	67·7	67·2	70 5	74·3	77·5	79·3	80·4	80·5	80·9	80·6	80·2	74·5
26	79·2	77·7	76·2	75·8	75·7	74·5	73·7	71·4	69·6	69·4	69.2	69·0	68·7	67·8	67·3	69 6	74·1	77·5	78·8	80·0	80·2	80·5	80·0	79·8	74·4
27	78·9	77·4	75·9	75·0	74·3	72·5	70·7	69·7	69·2	68·7	68·3	67·6	66·8	66·2	66·0	68·9	74·0	77·7	78·9	79·5	80·2	80·6	80·6	80·0	73·7
28	79.3	77·7	76·3	75·5	75·0	74·8	74·5	72·4	70·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	70·7	70·1	69·5	68·8	67·7	67·7	69·7	74·4	78·0	78·7	80·2	80·8	80·6	80·4	79·8	74·7
30	79·4	77·6	75·9	75·3	74·8	74·5	73·9	71·5	69·6	69·3	69·1	68·5	67·8	67·3	66·7	69·7	74·5	77·3	78·5	79·8	80·1	80·4	80·6	80·2	74·3
31	79·4	78·0	76·5	75·6	74·7	73·0	71·2	70·0	68·7	67·9	67·1	67·4	67·7	67·3	66·6	69·1	74·1	76·6	79·2	80·3	81·5	81·8	82·2	82·0	74·1
Means.	79·3	77·7	76·5	75 9	75·4	74·8	74·0	73·1	72·1	71·6	70 9	70·3	69·8	89·2	68·9	71·3	75·2	78·2	79 9	80·6	81·1	81·1	80·8	80·3	75·3
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FEBRUARY 1854. 1	80·7	78·8	76·9	75·6	75·0	74·7	73·6	71·8	70·0	69·2	68·5	68·0	67·5	67·0	66 9	70·4	74·4	78·4	81·0	83 9	86·2	86·3	85·7	84·1	75·6
2	82·7	80·8	79·1	78·5	78·1	77·6	76·6	75·6	75·6	74·5	73·5	73·2	72·9	72·3	71·9	74·2	78·0	81·2	83·6	85·7	86·3	85·8	85·2	84·3	78·6
3	83·0	81·5	79·8	79·3	78·5	77·8	76·5	75·6	75·4	74·9	74·4	74·0	73·5	72·5	73·0	75 0	78·0	80·5	82 8	83·8	84·5	84·3	84·3	84·1	78·6
4	83·0	81·0	79·4	78·7	78·6	78·6	78·0	78·8	76·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	73·0	72·3	71·7	71·0	70 5	70·2	73·4	77·4	81 3	83 3	83 9	84·1	84·3	84·7	83·8	78·1
6	82·5	80·7	79·0	78·1	77·5	77·4	77·0	76·5	76·2	74·8	73·5	72·8	72·0	71 8	71·5	73·6	77·7	81·1	82·8	83 3	84·5	84 3	84·5	83·5	78·2
7	82·7	81·1	80·0	78·8	78·2	78·0	77·4	77·2	76·6	75·5	74·5	73·3	72·1	71 9	71·7	74·8	77 7	81·6	82·6	83·9	84 4	84·6	84·0	83·0	78·6
8	82·2	80·4	78·9	78·4	77·8	77·6	77·0	76·4	76·2	74·8	73·5	72·7	71·9	71·0	71·0	73 4	77·5	80·7	83 3	83 7	84·0	84·2	84·0	83·6	78·1
9	82·2	80·7	79·4	78·7	78·4	78·0	77·4	77·0	76·4	75·7	75·0	73·9	72·8	72·2	71·7	74·5	78·3	81·5	83 2	84 0	84 6	84·6	84·8	84·2	78 7
10	83·5	81·5	79·6	78·7	77·9	76·4	75·6	75·0	75·6	73·8	72·0	71·2	70·4	69·5	69·3	73·0	77 3	81·7	84 0	84 7	85·5	85·5	85·3	85·4	78 0
11	84·2	82·3	80·5	79·6	78·7	77·2	75·5	75·0	73·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	76·9	75·5	74·1	72·6	72·0	71·7	74·5	78·7	82·5	84·7	86·3	87·0	86·7	86·1	85·1	79·2
13	84·3	82·3	80·8	80·5	80·6	80·5	80·0	79·8	79·6	79·0	78·5	78·0	77·5	76·5	76·7	78·8	81·9	85·0	87 9	89·8	87·3	86·3	86·5	84·3	81·8
14	82·5	82·0	81·1	80·7	80·5	80·4	80·4	79·5	79·0	78·3	77·6	76·9	76·2	75·1	75 1	77·2	80·3	83·0	85·7	88·2	87·8	87·2	86·5	85·3	81·1
15	84·0	81·8	80·2	79·6	79·4	79·4	79·1	78·5	78·2	77·6	77·0	74·9	72·8	72·5	72·2	75 2	78 4	81·7	83·4	84·3	85·3	84·1	84·0	84·0	79·5
16	83·0	81·3	79·8	79·6	79·5	79·4	79·3	79·0	78·9	78·5	78·1	78·1	78·1	77·8	77 9	80·0	81·5	82·5	83 3	83·7	84·1	84·3	84·5	83·6	80 7
17	82·6	81·2	79·7	79·6	79·1	78·9	78·8	78·6	77·8	77·2	76·6	76·4	76·2	75·8	76·4	79 2	79·6	80·5	82·6	83·0	83·3	82·8	82·7	82·2	79·6
18	81·0	79·8	78·9	78·6	78·3	77·8	77·6	77·0	76·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	78·0	76·1	74·2	72·2	71·0	70·8	73 4	77·5	81·5	81·7	83·2	83·1	82·5	83·0	82·3	78·2
20	81·9	80·7	79·7	79·6	79·3	79·0	78·8	78·4	78·0	77·5	77·0	75·2	73·4	72·1	71·6	73·8	77·7	81 2	82 7	82·5	83·0	83·0	83·4	82·7	78·8
12	81·8	80·3	79·1	78·9	78·5	78·8	78·7	78·2	77·8	75·6	73·5	72·7	71·9	71·5	71·4	75 0	78·0	81 5	82·7	83·5	84·0	84·4	83·8	83·0	78·5
22	81·4	80·0	78·8	78·2	77·6	77·0	75·7	74·2	73·0	72·5	72·0	71·9	71·7	71 5	71·7	74·4	78·4	81·3	82·7	83·1	82·8	83·4	83·7	83·6	77·5
23	82·6	80·5	79·4	79·1	78·4	77·3	75·9	75·6	74·5	74·2	74·0	73·4	72·7	72·1	72 3	75·3	79·0	81·6	83·7	84·3	85·0	84·6	84·0	83·7	78·5
24	83·2	81·3	79·6	78·8	78·1	77·4	76·5	76·0	74·8	73·6	72·6	71·8	70·9	70·8	71·1	73·8	78 3	81 4	82·6	83·7	84·2	84·5	84·3	83·8	78·0
25	82·8	81·6	80·2	79·3	78·4	77·8	76·2	74·6	73·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	72·1	71·9	71·7	71·4	70·5	70 2	72 6	77·6	80 1	82 7	85·0	86·2	86·5	86·6	85·7	78 1
27	85·0	83·1	80·8	79·5	78·0	76·6	76·8	74·6	73·5	73·1	72·8	72·0	71·1	70 6	72·2	74·6	78·7	82·2	85 5	88·0	89·4	89·3	88·6	88·6	79·4
28	85·4	83·3	81·5	80·5	79·7	79·0	77·0	75·7	76·0	75·2	74·5	73·5	72·5	72·4	72 0	73·2	76 9	80·4	84·4	87·4	90·0	89·7	89·3	87·4	79 9
Means.	82·8	81·2	79·7	79·0	78·5	78·0	77·3	76·5	75·9	75·2	74·4	73·6	72·7	72·1	72·1	74·7	78·3	81·4	83·5	84·7	85·3	85·1	85·0	84·2	78·8

* The numbers in these Columns are not observed ; but interpolated for the sake of obtaining the daily Means.

DRY THERMOMETER (STANDARD).

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	°	°	°	°	°	°	°	°	°	° *	°	° *	°	°	°	°	°	°	°	°	°	°	°	°	°
MARCH 1854. 1	86·5	84·0	82·2	81·0	80·2	79·3	78·2	78·8	74·8	73·2	71·9	71·7	71·5	70·7	70·8	74·5	78·4	82·4	86·0	89·7	90·4	90·1	89·3	88·5	80·1
2	87·3	84·5	82·4	80·7	79·7	79·2	78·4	77·5	78·0	74·9	73·9	73·4	72·8	72·4	72·4	75·3	79·6	83·0	85·4	88·3	88·2	88·7	88·7	87·7	80·4
3	87·7	84·3	81·8	80·5	79·4	78·1	77·2	75·5	74·7	73·7	72·8	71·7	70·5	69·7	70·0	74·4	78·7	82·8	84·7	85·7	86·6	87·2	86·6	86·2	79·2
4	84·9	82·6	80·6	79·7	79·0	78·7	78·8	77·2	76·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	80·6	70·8	78·8	77·8	76·4	76·0	79·3	83·3	85·3	87·1	87·8	87·7	88·1	87·6	87·3	81·7
6	86·8	83·9	81·7	80·9	80·3	80·1	79·8	78·7	78·3	76·5	74·7	74·1	73·4	72·6	73·0	77·2	81·8	84·6	87·4	87·3	87·8	88·1	88·0	87·3	81·0
7	86·7	84·8	82·6	82·0	81·8	80·8	80·4	79·8	79·0	77·9	76·8	76·5	76·2	75·8	78·6	79·5	62·6	66·8	89·8	90·5	90·9	90·5	90·4	89·5	82·8
8	88·1	86·0	84·0	83·2	82·7	82·4	81·8	81·1	80·3	79·3	78·3	77·6	70·8	77·5	78·0	81·1	85·2	88·4	90·7	90·7	90·3	90·2	89·7	89·0	83·8
9	87·5	85·8	83·8	83·2	82·8	82·2	81·1	80·5	79·7	79·2	78·8	78·2	77·6	77·2	77·6	81·0	84·8	87·8	88·5	89·4	89·8	89·7	89·5	88·8	83·5
10	87·5	85·8	83·9	83·1	82·6	82·2	81·7	81·3	80·6	79·9	79·3	78·1	76·9	76·2	78·5	79·7	62·2	84·6	86·5	87·5	87·9	88·5	87·5	86·7	52·8
11	86·3	84·5	82·8	82·0	61·8	81·2	80·5	79·4	78·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	74·3	74·1	73·9	73·6	74·0	74·4	77·8	81·5	84·5	87·2	88·8	89·3	69·3	89·1	88·5	81·5
13	86·7	84·5	62·5	82·3	80·4	79·4	77·7	78·4	78·0	75·0	74·1	73·8	73·4	72·8	72·9	77·0	61·8	85·0	87·6	89·8	90·8	90·7	90·9	89·8	81·3
14	88·2	85·3	83·0	82·0	81·1	80·3	78·4	77·2	76·0	75·4	74·8	74·2	73·5	73·4	73·9	77·1	81·2	84·5	87·3	88·5	89·0	89·3	89·0	88·7	81·3
15	87·2	84·5	62·2	81·2	80·8	80·0	78·2	77·1	75·7	74·6	73·6	72·8	72·0	71·4	71·0	75·0	80·4	84·8	88·6	88·1	89·3	88·9	88·8	87·5	80·5
16	86·5	83·7	81·7	80·9	79·7	79·0	78·0	77·0	75·7	75·2	74·7	74·3	73·8	73·4	73·4	77·3	81·0	84·1	86·3	87·5	89·2	90·1	90·8	89·9	61·0
17	88·3	85·0	82·4	81·4	79·7	78·6	77·3	78·0	74·8	73·3	72·0	71·5	70·9	70·5	70·8	75·8	80·5	84·3	85·9	86·5	87·4	87·9	87·5	86·7	79·8
18	85·8	83·3	81·3	80·4	79·6	79·5	79·1	78·7	78·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	74·5	74·4	74·3	74·2	73·8	74·0	78·1	82·4	84·2	85·3	86·5	86·7	67·5	87·3	86·8	80·8
20	86·2	83·9	81·5	80·2	79·9	78·2	75·1	74·2	73·8	72·8	72·0	71·4	70·6	69·9	71·0	76·3	81·6	84·8	86·0	87·0	88·0	88·0	67·3	87·2	79·4
21	86·6	84·6	83·0	82·4	82·1	81·5	81·4	81·0	80·6	80·3	80·0	79·2	78·3	77·8	78·4	81·3	84·3	86·2	88·5	88·9	88·5	88·4	88·3	87·1	83·3
22	87·0	84·8	62·9	82·5	81·9	81·6	81·4	81·1	81·0	79·8	78·8	77·5	76·4	76·1	76·4	80·3	83·2	65·8	67·8	89·0	89·5	90·0	90·3	89·5	83·1
23	86·8	86·4	84·2	83·4	82·8	82·4	82·4	81·8	80·5	79·5	78·5	78·0	77·4	76·8	77·4	80·8	84·2	87·0	89·4	90·3	90·7	91·0	91·0	89·0	83·9
24	87·7	86·0	83·7	83·0	82·4	81·8	81·4	80·9	79·7	78·8	78·0	77·3	76·6	76·3	78·7	79·8	84·5	87·5	89·8	90·8	90·5	91·8	91·2	90·4	83·6
25	88·7	86·4	83·9	83·2	82·8	62·2	61·1	80·2	78·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	78·8	78·5	76·2	75·8	76·7	77·5	80·6	84·1	88·7	88·8	90·2	90·7	90·0	89·7	89·3	83·2
27	87·6	85·5	83·3	82·4	81·7	80·3	79·0	77·5	77·3	70·5	75·8	75·8	75·4	74·8	75·5	79·8	84·1	87·2	89·0	89·7	90·8	91·2	90·2	89·4	82·5
28	88·2	85·7	84·0	83·3	82·8	82·2	81·7	81·3	80·7	79·8	79·0	78·4	77·8	77·4	78·0	82·4	86·0	87·9	89·5	90·4	90·4	91·5	90·0	89·5	84·1
29	88·6	88·0	84·0	83·0	82·7	82·4	62·3	82·0	81·5	80·9	80·3	79·5	78·6	77·9	79·0	82·5	86·4	89·4	91·5	91·6	92·0	91·5	91·5	89·7	84·6
30	87·0	85·8	84·8	84·5	84·0	83·9	83·9	80·2	80·4	80·5	80·7	76·7	76·8	76·4	76·9	79·8	84·0	88·4	88·8	89·8	90·2	90·3	90·0	89·2	83·8
31	86·5	88·5	84·6	83·8	83·4	83·0	82·6	82·2	80·7	79·7	78·7	78·4	78·1	78·0	79·3	82·8	86·2	89·2	90·5	91·7	91·3	92·0	91·8	90·5	84·7
Means.	87·3	·850	82·9	82·1	81·4	80·7	79·9	79·0	78·1	77·1	78·4	75·7	75·1	74·6	75·1	78·8	82·7	85·7	87·6	80·0	89·4	89·6	89·3	88·5	82·1
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APRIL 1854. 1	89·5	87·2	85·5	84·8	84·1	83·0	83·2	82·8	81·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	82·3	82·0	81·7	81·3	80·7	81·5	84·1	86·5	87·0	91·0	90·8	90·6	91·0	90·5	90·1	85·5
3	89·4	87·4	85·4	84·9	84·2	83·6	83·1	82·6	81·5	80·7	79·9	79·5	79·0	78·0	79·4	82·7	86·5	91·3	91·3	92·4	91·8	91·8	91·6	90·3	85·3
4	88·8	87·5	85·3	84·7	84·1	83·4	82·9	82·2	82·0	80·9	79·8	79·3	78·7	76·2	79·9	83·6	87·0	89·2	91·4	91·9	92·4	92·7	92·9	92·3	85·5
5	91·1	88·5	85·9	85·0	84·2	83·8	83·5	83·1	82·5	81·9	81·3	80·2	79·0	76·5	79·8	84·1	87·5	90·5	93·3	92·2	93·6	93·4	93·0	92·5	86·2
8	81·1	88·9	86·0	85·0	84·3	83·8	83·2	82·8	82·4	81·9	81·5	80·9	80·2	79·5	81·0	84·7	88·1	91·5	94·5	94·3	95·4	93·4	92·5	92·2	86·8
7	90·8	88·4	86·0	85·0	84·7	84·0	83·6	83·1	82·8	82·1	81·4	81·0	80·5	80·0	81·5	85·0	88·7	92·0	93·3	94·2	94·6	94·7	94·4	93·0	88·9
6	91·1	88·7	86·5	85·5	85·1	84·6	84·3	83·9	83·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	83·9	83·2	82·5	81·8	81·7	83·5	86·9	89·5	93·4	96·3	97·3	96·9	97·0	95·3	94·4	88·2
10	92·7	89·7	86·8	96·1	85·6	85·2	85·1	84·8	84·2	83·7	83·5	83·4	83·2	83·0	83·7	86·3	90·8	94·1	95·9	95·4	95·7	95·5	94·5	94·0	88·4
11	92·3	89·5	87·0	86·0	85·5	85·2	84·9	84·5	84·5	84·4	84·4	84·4	84·3	84·2	85·3	89·0	90·2	92·5	94·5	95·3	94·9	95·2	94·5	93·6	88·6
12	92·8	89·5	87·4	86·3	85·8	85·4	85·2	84·8	84·5	84·4	84·4	84·1	83·8	83·3	85·3	88·0	90·5	91·7	93·0	94·4	93·7	94·6	93·6	92·6	88·3
13	91·3	88·8	80·8	85·9	85·6	85·1	84·6	84·4	84·1	83·7	83·3	82·9	82·5	82·1	84·0	87·2	89·8	93·0	95·4	94·4	84·0	93·7	93·0	92·2	87·8
14	90·8	88·7	86·8	85·8	85·3	84·8	84·7	84·8	84·4	84·8	84·8	84·5	84·2	83·8	84·9	87·4	91·0	94·2	96·4	95·5	95·2	94·9	94·2	93·3	88·5
15	91·3	88·5	87·1	88·5	86·3	85·9	85·8	85·7	85·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	84·8	84·5	84·2	83·8	83·5	85·0	86·9	89·5	91·5	93·5	94·1	94·3	94·3	93·6	91·4	88·2
17	90·0	88·0	86·4	86·0	85·8	85·1	85·0	84·8	84·5	84·2	84·0	84·0	84·0	83·7	85·0	88·3	89·4	93·3	97·4	99·7	99·5	96·6	95·5	94·3	88·9
16	92·8	89·9	87·9	87·1	88·8	86·3	85·7	85·8	85·1	84·7	84·4	84·2	84·0	83·7	84·7	88·6	01·8	93·2	94·1	94·4	94·7	94·9	94·5	92·3	88·7
19	91·5	89·6	87·1	86·2	85·7	85·3	84·6	84·6	84·3	83·8	83·3	83·0	82·6	82·2	84·0	87·4	90·5	92·6	94·7	94·8	95·7	95·4	95·5	94·3	88·3
20	93·3	90·0	88·0	87·1	86·3	85·9	85·4	84·2	83·5	82·9	82·4	82·1	81·7	81·0	82·4	85·2	89·0	81·3	94·1	95·7	99·2	96·0	95·1	93·5	88·1
21	90·8	88·5	86·7	88·1	85·7	85·4	84·8	84·7	84·7	84·6	84·5	84·2	83·8	83·3	84·5	87·5	91·5	96·3	99·5	101·6	102·7	106·4	104·8	103·8	90·7
22	99·9	93·4	90·6	89·7	88·8	87·4	86·8	85·9	85·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	85·8	85·0	84·4	83·8	83·5	85·5	90·0	93·6	97·6	100·9	104·2	106·0	106·6	101·2	99·2	92·2
24	96·5	92·8	89·7	88·7	88·3	87·4	86·7	86·4	85·6	85·3	85·1	84·0	84·0	83·1	85·5	89·5	93·6	97·5	97·7	97·7	98·8	97·5	97·8	95·6	90·8
25	94·4	90·8	88·4	87·5	87·4	87·1	80·6	86·0	85·5	85·1	84·8	84·2	83·6	83·3	85·0	88·8	92·7	96·8	99·0	98·0	96·4	94·8	94·8	94·0	89·8
26	91·5	89·0	86·7	88·2	85·7	85·6	86·6	84·7	84·1	83·7	83·4	82·7	82·0	82·1	84·5	87·5	91·2	95·2	94·8	94·6	94·8	94·5	94·6	94·5	88·3
27	92·0	90·7	87·0	85·9	85·8	85·4	84·8	84·7	84·2	83·8	83·0	82·5	81·9	81·5	84·2	87·4	89·7	92·1	02·4	92·3	93·0	93·3	93·0	92·0	87·8
28	90·4	88·2	85·8	85·4	84·9	84·7	84·3	84·1	83·5	83·0	82·5	82·1	61·8	61·3	83·9	87·0	90·6	94·6	97·7	99·8	96·6	95·5	95·7	94·4	88·2
29	92·0	88·6	86·4	85·4	84·9	84·6	84·4	84·0	83·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	83·0	83·0	83·0	83·0	83·0	85·2	88·7	91·5	92·7	93·3	93·5	94·4	94·1	93·9	93·3	87·9
Means.	91·9	89·2	86·9	86·1	85·6	85·1	84·7	84·3	83·9	83·6	83·2	82·8	82·3	81·9	83·6	86·8	90·0	93·0	95·0	95·5	95·8	95·5	94·8	93·7	88·1

* The numbers in these Columns are not observed; but interpolated for the sake of obtaining the daily Means.

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DRY THERMOMETER (STANDARD).

Göttingen Mean Time	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	°	°	°	°	°	°	°	°	°	° *	°	° *	°	°	°	°	°	°	°	°	°	°	°	°	°
MAY 1854.																									
1	92·0	88·4	86·7	86·0	85·8	85·6	85·3	84·7	83·7	83·0	82·4	81·5	81·5	81·6	84·0	87·8	89·3	91·2	92·3	93·1	93·7	93·6	93·3	92·8	87·5
2	81·7	88·9	86·9	86·2	85·7	85·2	84·0	84·5	84·4	83·6	83·2	82·4	82·6	82·7	85·0	87·4	89·4	91·4	91·5	92·3	92·1	92·2	92·2	91·6	87·4
3	90·6	89·0	86·2	85·1	84·2	84·2	83·8	83·3	81·9	80·9	79·8	79·6	78·5	78·0	80·6	85·2	87·6	90·2	91·8	92·8	93·3	93·6	93·9	92·6	86·1
4	92·4	90·8	87·3	86·0	86·1	85·5	85·1	84·7	84·4	84·2	83·2	82·3	82·2	81·5	85·3	88·7	91·2	91·8	93·3	94·0	94·1	94·0	94·0	93·5	88·2
5	91·0	90·5	87·4	86·4	85·6	85·5	85·0	84·5	84·4	83·8	82·8	82·3	81·7	81·2	83·7	87·8	90·5	91·8	93·0	94·7	95·3	94·6	93·4	93·4	87·9
6	92·7	89·6	87·8	87·1	86·5	85·9	85·5	85·2	84·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	84·3	84·0	83·7	83·3	83·2	85·9	88·0	91·6	92·4	94·5	94·3	94·7	94·8	93·8	93·0	88·6
8	92·0	90·0	87·1	86·4	85·9	85·5	85·4	85·2	85·0	84·7	84·4	84·0	83·5	83·3	85·4	88·0	91·8	93·7	94·2	95·0	95·0	96·1	94·8	94·5	88·8
9	93·0	91·2	87·7	87·0	86·4	86·0	85·4	84·9	85·0	85·0	85·0	84·5	83·9	83·4	85·8	88·7	91·6	94·5	94·5	94·4	94·3	95·3	94·8	94·5	89·0
10	93·0	92·0	87·6	86·7	86·4	85·8	85·5	85·2	84·8	84·6	84·5	84·1	83·6	83·4	86·4	89·1	81·7	94·3	95·0	95·7	95·6	95·0	95·3	94·1	89·1
11	93·1	91·0	87·8	86·9	86·0	86·0	85·5	85·2	84·6	83·8	83·0	82·3	81·5	81·2	85·0	89·3	90·6	92·4	93·2	94·3	94·7	94·9	95·5	95·0	88·5
12	93·7	91·7	88·2	87·2	86·5	86·3	85·4	85·1	84·6	83·9	83·2	82·3	81·3	80·7	84·2	88·4	90·4	92·5	93·5	94·2	95·0	94·5	94·6	94·5	88·4
13	93·1	91·7	88·3	87·2	86·4	85·6	85·4	84·8	84·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	83·9	83·5	82·8	82·1	81·8	85·6	89·6	92·4	94·5	95·6	96·0	96·2	95·7	95·0	94·5	89·0
15	92·5	90·2	87·6	86·9	86·4	86·0	85·5	85·0	84·8	83·9	83·0	82·5	82·0	81·9	85·8	89·3	92·0	94·8	96·0	95·5	95·7	95·6	95·3	94·0	88·8
16	92·8	81·8	88·2	87·3	86·6	86·2	85·9	85·4	85·0	84·6	84·3	83·4	82·5	81·6	85·8	89·0	92·6	94·5	95·4	95·2	95·0	95·2	94·8	93·7	89·0
17	93·5	82·3	88·5	87·4	86·5	86·1	85·6	84·8	83·8	83·0	82·5	81·8	81·0	80·1	85·2	89·2	91·8	93·9	95·0	95·3	94·8	95·0	95·1	94·3	88·6
18	94·1	93·3	89·2	87·0	87·1	86·5	86·4	86·2	84·0	83·5	83·0	82·5	81·9	81·4	85·6	89·2	91·3	94·1	95·5	95·7	95·4	96·3	96·0	95·4	89·2
19	93·7	91·8	88·6	87·3	86·0	86·1	85·5	85·5	85·2	84·7	84·2	83·8	83·0	82·6	86·0	89·7	93·4	96·1	97·9	98·3	97·7	97·5	97·5	97·3	90·0
20	95·0	92·6	89·6	88·8	88·0	87·5	86·8	86·5	86·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	84·7	83·3	82·9	82·5	81·7	85·5	89·6	92·5	95·0	97·1	97·2	98·5	98·6	97·6	97·7	90·2
22	94·7	92·0	89·8	88·7	88·0	87·4	87·1	87·0	86·5	86·2	86·0	85·5	84·9	84·5	87·2	90·8	94·3	97·7	101·0	100·3	99·2	98·0	97·1	95·0	91·2
23	94·0	92·7	89·7	88·7	88·3	88·2	88·0	87·9	87·3	86·8	86·4	86·1	85·6	85·3	87·0	90·9	94·7	98·5	100·5	101·4	101·7	99·0	96·7	95·3	91·9
24	96·3	94·3	90·9	89·5	89·3	89·0	88·2	87·4	86·7	86·3	85·6	85·8	85·7	85·7	88·8	92·6	95·7	99·0	100·2	99·4	99·1	99·6	99·2	99·3	92·2
25	98·7	95·7	90·7	89·5	89·0	88·2	87·7	87·6	87·5	86·8	86·2	85·8	85·3	84·8	87·5	92·2	84·0	99·2	101·4	104·6	106·3	106·6	104·2	101·6	93·4
26	98·0	94·0	93·9	93·8	93·0	90·8	89·6	89·1	87·8	86·9	86·0	85·3	84·5	84·2	87·3	91·2	94·9	97·2	99·9	102·6	105·7	107·0	106·8	100·8	94·0
27	100·8	96·8	92·7	90·3	90·0	89·0	88·8	88·7	88·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	80·2	89·7	89·8	89·9	89·2	90·9	93·9	96·6	90·9	102·6	104·4	107·7	107·6	108·2	102·0	95·4
29	97·3	92·7	90·2	89·4	89·1	89·4	89·2	88·8	89·0	89·3	89·8	90·0	90·3	90·0	91·4	94·4	97·0	100·0	102·2	105·3	107·5	107·5	101·0	99·0	94·6
30	94·8	90·1	88·6	88·6	88·5	89·1	88·8	88·3	88·0	88·4	88·9	89·0	89·1	88·8	91·9	95·2	98·0	100·7	103·9	106·3	108·4	109·0	102·6	100·7	94·4
31	97·0	92·6	89·8	90·0	90·0	89·8	89·8	89·3	89·2	89·2	89·2	88·9	88·5	88·0	90·0	94·5	98·3	101·0	103·5	106·5	106·9	106·5	103·5	99·2	94·8
Means.	94·1	91·8	88·8	87·9	87·3	86·9	86·5	86·1	85·8	85·2	84·7	84·2	83·8	83·4	86·4	90·0	92·8	95·3	96·9	97·8	98·3	98·3	97·3	96·3	90·2
										*		*													
JUNE 1854.																									
1	94·1	90·6	89·6	89·7	89·7	89·7	90·5	89·4	88·8	88·2	87·7	87·8	87·8	88·5	89·0	92·5	96·8	98·9	101·9	105·4	106·6	106·9	105·5	100·[illegible]	93·9
2	98·9	96·8	91·7	90·4	90·1	89·7	88·2	88·7	88·7	88·2	87·7	87·6	87·5	87·4	90·3	95·3	97·8	100·4	103·2	104·9	103·3	103·9	101·3	99·7	94·2
3	98·0	94·3	90·8	90·5	90·6	90·0	90·0	89·7	89·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	89·5	90·0	89·8	89·6	89·4	91·4	94·3	97·5	99·9	102·6	105·9	106·4	101·6	98·2	94·9	94·3
5	93·0	91·1	91·4	90·5	90·0	88·0	87·4	87·0	87·4	87·0	86·6	86·8	86·5	88·4	89·7	92·4	94·4	96·3	97·5	100·1	101·6	103·5	104·0	99·8	92·4
6	95·8	93·3	90·4	88·6	88·8	87·7	87·0	86·8	86·3	86·2	86·2	86·3	88·3	88·0	88·1	91·0	92·0	95·7	96·5	100·7	99·7	98·9	98·8	101·3	91·6
7	103·7	94·5	90·3	89·5	89·4	88·6	87·4	87·0	86·6	86·5	86·5	86·9	87·2	87·2	88·3	91·2	94·8	97·0	99·5	101·7	103·1	103·9	99·6	96·5	92·8
8	93·6	91·0	88·6	87·5	87·5	87·5	87·6	87·4	84·5	84·6	84·6	84·7	84·5	84·2	86·3	90·5	92·4	94·2	96·1	97·7	100·5	88·7	96·3	94·7	90·2
9	91·5	90·1	87·4	85·6	84·2	84·0	84·0	84·0	83·0	82·8	82·7	82·4	82·0	81·8	82·2	83·5	86·5	89·5	91·6	93·1	96·3	97·5	100·1	100·[illegible]	87·7
10	98·0	91·8	89·2	87·7	84·6	83·5	82·1	81·8	81·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	83·9	86·0	85·6	85·5	85·4	88·8	91·4	93·7	94·8	97·3	100·9	99·5	99·1	100·7	99·8	90·5
12	101·8	90·3	86·5	85·4	84·8	83·8	83·4	83·7	83·5	83·0	82·5	82·3	82·0	82·0	83·7	89·3	92·3	93·8	95·5	96·7	100·4	102·7	100·3	104·3	90·0
13	104·4	103·4	96·5	92·8	91·3	91·2	90·8	89·5	89·1	88·5	88·0	87·0	86·0	85·7	88·3	91·8	93·4	95·4	97·1	99·7	102·3	103·7	104·6	105·7	94·3
14	100·0	97·7	91·3	88·3	88·7	88·5	88·1	88·5	88·4	88·4	88·5	87·7	86·9	86·5	89·5	92·1	93·8	95·9	98·0	100·4	101·7	103·2	104·3	96·2	93·0
15	97·0	95·3	90·7	88·8	88·0	87·7	88·4	88·4	87·9	87·7	87·5	87·5	87·4	87·0	88·3	92·0	93·5	96·0	98·4	100·4	101·1	104·9	106·7	96·0	92·7
16	94·0	92·0	90·4	89·8	89·7	87·2	86·9	86·5	86·3	86·0	85·8	85·7	85·5	85·5	88·3	92·0	94·0	95·2	97·1	99·3	101·9	105·0	98·5	96·3	91·5
17	94·9	92·8	88·7	87·1	86·1	86·4	86·4	86·4	85·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	85·6	85·4	85·0	84·6	84·6	87·2	89·6	91·6	93·7	97·0	99·5	100·7	99·5	96·0	95·2	90·4
19	91·5	89·3	87·2	86·8	86·3	86·3	86·3	86·5	86·2	86·1	86·0	85·8	85·5	85·4	86·0	91·5	93·7	95·9	97·4	98·5	101·1	101·3	102·1	95·5	90·8
20	94·3	91·0	89·2	87·9	86·6	86·4	86·1	86·0	86·5	86·1	85·6	86·2	86·5	86·2	89·3	92·3	84·2	95·6	97·5	99·3	101·5	103·4	101·5	97·5	91·6
21	95·2	94·5	90·6	88·6	87·9	87·6	87·0	86·7	86·5	86·5	86·6	86·3	86·0	85·8	89·1	92·3	94·3	96·3	98·0	89·7	101·7	98·6	98·2	98·0	91·7
22	96·1	93·1	90·5	89·7	89·3	88·4	88·2	88·0	88·0	87·7	87·5	87·1	86·7	85·5	88·5	92·7	95·5	97·8	98·8	101·8	103·9	104·6	99·0	95·0	92·6
23	94·1	92·2	90·5	88·2	87·9	87·2	87·2	86·8	86·0	86·0	86·0	86·0	86·0	86·4	88·0	89·8	92·5	95·2	95·3	96·0	96·0	94·7	94·4	93·[illegible]	90·3
24	90·7	89·6	87·6	87·4	86·8	86·0	85·4	85·1	84·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	81·7	78·8	78·9	79·0	79·4	80·5	82·4	85·6	89·5	91·4	91·5	92·9	92·9	91·8	90·[illegible]	86·3
26	89·5	92·3	86·4	84·9	84·2	83·8	83·7	82·9	82·5	82·0	81·5	81·5	81·5	81·6	83·0	88·4	90·0	91·7	94·1	95·4	96·4	98·3	97·8	95·[illegible]	87·8
27	94·4	94·0	88·5	87·5	84·5	82·2	82·0	82·6	83·0	82·9	82·9	82·8	82·8	82·5	85·4	87·4	89·7	91·8	94·4	96·5	98·9	98·7	98·4	95·[illegible]	88·7
28	95·1	93·2	88·7	86·5	87·2	87·0	86·5	85·3	84·6	84·3	84·0	83·2	82·3	81·8	85·6	89·8	91·5	93·4	95·5	97·1	98·6	97·0	97·5	97·[illegible]	89·7
29	94·5	91·9	89·3	88·1	87·6	87·6	87·3	86·2	84·7	84·1	83·5	83·4	83·2	83·3	83·8	84·8	85·8	88·6	91·6	84·0	94·8	95·1	94·0	92·[illegible]	88·3
30	91·5	89·8	87·1	86·3	86·1	86·0	86·0	85·9	85·5	84·1	82·8	82·5	82·2	82·0	83·2	85·9	89·7	92·3	93·4	95·0	95·2	95·0	94·3	94·[illegible]	88·2
Means.	95·8	92·9	89·0	88·2	87·6	87·0	86·7	86·4	86·0	85·7	85·4	85·3	85·0	84·9	87·0	90·2	92·6	94·8	96·8	98·9	100·2	100·4	99·4	97·1	91·0

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily Means.

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DRY THERMOMETER (STANDARD).

Gottingen Mean Time	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
										*		*													
	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
JULY 1854.																									
1	92·8	90·8	88·4	86·6	86·6	86·0	86·4	86·0	85·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	85·7	85·5	85·3	85·0	84·6	85·8	87·2	88·7	88·5	88·5	89·2	91·3	91·7	92·5	92·6	88·0
3	91·7	88·7	86·8	86·2	86·0	85·6	84·5	83·0	80·6	81·1	81·6	81·3	81·0	81·0	82·3	84·6	86·2	87·5	90·2	91·5	93·2	94·5	94·0	92·6	86·5
4	91·3	85·0	83·1	82·4	82·4	83·0	80·6	80·0	81·6	81·4	81·2	81·1	80·9	81·0	81·6	84·0	87·1	91·0	92·5	94·9	96·7	98·7	98·5	100·1	86·7
5	98·0	95·7	90·4	88·6	88·2	87·9	87·8	86·0	85·7	85·3	85·0	84·6	84·1	84·0	84·9	87·9	90·8	92·5	94·0	95·7	98·5	100·2	100·7	96·6	90·5
6	93·0	90·7	88·7	87·6	86·9	87·2	86·5	82·6	83·5	84·0	84·5	83·5	82·5	82·0	83·5	87·1	89·5	91·3	92·8	94·2	96·6	99·0	96·6	96·9	88·8
7	93·2	90·0	88·4	87·8	87·2	86·5	86·2	85·5	84·9	83·2	81·6	81·6	81·4	81·6	83·6	89·0	90·6	92·4	93·6	96·3	93·3	95·7	95·3	94·5	88·4
8	94·0	93·7	88·9	87·6	87·1	86·6	86·5	86·0	86·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	85·5	84·4	83·3	82·2	82·2	80·9	81·0	81·6	82·4	83·5	85·8	87·5	88·8	90·2	89·0	86·0
10	88·3	86·9	85·4	84·6	84·5	84·0	83·7	83·7	83·5	81·4	79·4	79·1	78·8	79·0	79·7	81·5	84·8	88·8	91·8	93·2	94·6	93·3	89·3	88·0	85·3
11	87·6	86·5	85·5	85·3	84·5	83·2	82·3	82·0	81·6	81·1	80·6	80·6	80·4	80·2	82·7	85·0	87·7	91·2	92·6	94·2	95·3	96·0	97·3	96·5	86·7
12	97·0	94·2	91·0	90·4	89·4	88·0	87·4	87·0	86·1	85·0	84·0	83·8	83·5	83·3	83·2	85·0	87·2	89·9	94·2	95·7	96·7	96·5	93·7	92·7	89·4
13	90·3	90·1	89·1	84·5	83·5	83·8	84·0	83·9	83·2	83·2	83·2	82·9	82·5	82·3	82·5	83·4	84·6	88·8	89·8	91·4	91·7	93·2	94·5	94·3	86·6
14	93·0	91·0	89·9	83·8	82·8	82·4	82·5	82·4	82·0	81·7	81·4	81·2	81·0	80·8	80·9	81·5	83·0	84·6	85·6	86·0	86·3	85·5	85·7	83·7	84·1
15	83·3	81·9	80·9	80·5	79·9	78·4	78·0	77·6	78·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	80·8	80·4	80·0	79·6	79·6	79·6	81·5	84·9	88·0	90·8	93·2	96·0	96·0	98·1	96·0	84·3
17	93·3	88·0	87·2	85·3	84·4	84·6	84·3	83·5	83·5	83·0	82·6	82·6	82·5	82·4	82·6	83·6	85·3	88·4	91·3	93·2	95·0	96·0	96·3	95·7	87·3
18	93·8	90·5	89·5	88·9	87·6	87·4	86·8	85·8	84·9	84·4	84·0	83·7	83·4	83·0	82·7	84·5	86·5	90·1	92·5	95·3	96·8	98·3	98·6	95·3	89·0
19	93·3	91·7	88·6	87·4	87·1	86·2	85·0	84·2	84·2	84·2	84·3	83·8	83·2	83·1	83·4	85·3	88·6	90·7	93·2	95·3	97·3	99·8	99·7	100·0	89·1
20	98·4	96·3	92·1	90·3	89·4	88·1	87·6	87·4	87·2	87·1	87·0	86·2	85·3	84·5	84·1	88·4	90·9	92·2	93·9	95·2	97·5	100·2	100·2	94·7	91·0
21	92·3	91·7	87·2	86·6	85·7	85·7	85·2	84·4	84·0	84·0	84·0	83·1	82·2	83·2	82·5	84·8	89·5	92·4	94·5	93·5	95·8	97·7	96·0	94·3	88·3
22	94·4	93·5	90·4	87·6	86·6	86·4	86·0	85·5	85·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	81·6	81·2	80·8	80·3	80·2	82·0	85·2	88·0	89·8	93·8	95·6	96·5	97·3	92·8	89·7	87·9
24	85·6	88·3	87·2	85·8	83·9	84·6	84·2	84·0	84·3	84·3	84·4	84·2	83·9	83·6	83·5	84·7	87·6	89·8	91·6	94·2	95·3	96·8	97·5	97·5	87·9
25	96·3	94·5	92·1	90·6	90·0	88·7	87·0	87·0	87·0	86·6	86·3	86·0	85·6	85·5	85·6	87·1	88·5	91·8	94·3	95·2	96·0	96·6	97·5	96·3	90·5
26	96·6	95·6	93·2	91·6	90·6	89·4	89·0	88·6	88·6	87·8	87·1	86·6	86·0	85·4	85·8	88·5	91·3	94·2	96·3	97·8	99·6	100·8	103·4	96·2	92·0
27	93·1	89·4	86·6	86·4	86·0	85·4	85·2	84·9	84·5	83·9	83·4	82·7	81·9	81·2	84·5	89·0	91·9	94·2	96·3	98·6	99·8	98·7	96·0	95·3	89·1
28	93·5	91·0	86·9	86·6	86·6	86·6	86·1	85·7	85·0	84·3	83·7	83·5	83·2	83·4	86·2	88·7	90·5	92·3	95·4	97·7	99·3	99·0	94·8	94·5	89·4
29	91·0	89·7	88·1	87·8	86·6	86·8	86·1	86·5	85·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	85·4	84·8	84·2	83·6	83·3	83·9	86·4	89·3	92·0	93·0	94·7	96·4	97·7	99·0	99·6	89·2
31	98·2	94·7	89·6	84·3	79·3	80·8	81·3	81·9	82·3	82·6	82·8	82·7	82·6	82·4	83·5	88·2	87·5	89·4	91·3	92·6	94·0	95·1	95·4	97·7	87·4
Means.	92·9	90·6	88·3	86·7	86·9	86·6	85·0	84·4	84·2	83·8	83·4	83·0	82·6	82·4	83·1	85·4	87·6	90·1	92·2	93·8	95·3	96·3	95·9	94·7	88·1
										*		*													
AUGUST 1854.																									
1	96·7	93·2	88·2	86·6	86·6	86·4	86·6	86·8	87·0	86·2	85·4	85·0	84·5	83·9	84·0	86·8	89·9	92·5	92·6	96·3	96·4	97·9	99·5	100·0	90·0
2	98·2	96·0	92·1	86·6	88·6	88·4	86·6	86·4	86·4	86·1	85·8	84·9	84·0	84·0	84·8	87·7	90·6	92·6	94·8	96·8	98·5	100·0	101·1	99·8	90·9
3	93·2	91·6	89·0	86·3	82·6	82·6	83·6	84·4	84·0	83·5	83·0	82·9	82·8	82·4	83·6	87·4	89·3	91·6	92·9	94·5	95·5	99·5	99·3	96·5	88·4
4	89·8	88·9	87·3	85·6	84·6	84·0	83·2	83·0	82·8	82·8	82·8	82·5	82·1	81·5	83·1	86·7	88·5	90·3	92·0	93·7	96·0	98·2	94·7	92·9	87·4
5	92·3	91·7	88·3	87·4	86·4	86·0	85·6	84·4	84·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	84·5	83·5	82·5	81·5	80·5	80·6	83·2	87·0	90·3	92·5	94·3	96·3	97·4	97·5	94·3	88·0
7	92·0	90·5	86·5	84·2	84·1	85·5	85·7	85·0	84·5	83·0	81·5	81·6	81·6	81·4	81·1	81·9	84·5	87·8	90·5	93·9	95·5	97·1	97·6	97·8	87·3
8	94·9	89·6	88·1	87·0	87·2	86·0	86·0	85·8	84·9	84·7	84·5	83·8	83·1	82·0	82·4	84·3	86·5	89·0	92·5	94·4	95·7	98·3	98·7	94·7	88·5
9	92·1	89·7	88·0	87·2	86·3	86·0	85·8	85·7	78·4	79·0	80·6	81·1	81·5	81·4	82·0	84·1	87·8	90·0	92·6	94·2	94·8	96·5	94·0	91·3	87·1
10	86·0	83·6	82·1	81·5	81·6	80·0	78·8	78·6	78·5	78·2	78·0	78·1	78·1	78·5	78·6	80·8	85·6	88·3	89·1	90·4	92·0	92·7	94·0	93·6	83·6
11	89·0	86·7	82·4	83·1	84·0	78·6	79·0	79·6	79·4	79·6	79·9	79·9	79·8	79·6	80·2	81·6	85·0	88·6	90·4	92·3	91·8	92·7	93·7	94·3	84·6
12	95·0	86·7	84·1	83·5	84·9	84·0	83·6	83·0	82·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	79·6	79·6	79·6	79·6	79·5	80·5	83·6	87·5	88·4	90·1	92·2	93·2	94·1	94·7	95·8	86·0
14	91·3	89·1	86·6	85·7	83·6	82·4	82·1	82·0	82·2	81·8	81·5	81·0	80·5	80·3	83·3	86·2	87·9	89·9	91·6	93·0	95·4	95·7	93·5	91·3	86·6
15	90·7	89·0	86·6	86·1	85·6	85·2	84·6	84·6	84·0	83·2	82·4	82·2	82·0	81·5	83·2	86·3	87·7	90·2	92·4	93·1	93·6	93·1	93·2	92·9	87·2
16	92·1	91·0	87·5	86·6	85·6	85·3	84·9	84·5	84·5	84·2	84·0	82·8	81·5	80·8	81·9	85·5	87·9	88·3	90·3	92·5	94·3	95·8	95·6	93·7	87·5
17	92·0	90·6	87·7	87·3	86·5	85·9	85·4	84·6	84·4	82·6	80·7	80·4	80·0	79·5	82·3	85·4	88·2	90·6	93·4	96·2	93·0	94·5	94·2	92·0	87·4
18	93·3	91·1	87·7	86·3	84·5	82·6	82·2	81·6	81·2	80·8	80·5	80·3	80·0	79·8	80·7	84·1	86·6	89·8	91·5	93·6	93·6	92·6	91·9	90·3	86·1
19	88·5	87·2	82·2	80·8	81·0	80·6	80·6	80·9	80·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	82·0	81·6	81·6	81·3	80·8	83·5	86·1	88·3	91·1	92·5	93·6	95·3	94·0	91·9	92·6	85·8
21	92·6	91·1	87·6	86·6	85·9	85·6	84·7	84·4	84·6	84·1	83·8	83·7	83·6	83·4	83·0	82·8	81·9	81·1	82·6	85·6	87·9	90·5	92·5	93·0	85·9
22	93·7	93·3	88·4	86·6	85·6	84·0	84·9	84·3	84·0	83·7	83·6	83·3	83·0	82·0	82·6	82·7	83·2	82·4	83·7	88·2	91·1	91·3	93·5	92·6	86·3
23	91·3	89·6	86·6	85·6	82·4	81·6	80·6	80·4	80·5	80·6	80·6	80·3	80·0	79·9	81·1	83·9	86·6	89·5	90·8	93·6	94·7	88·5	92·8	90·5	85·5
24	90·6	89·5	86·4	85·7	84·4	83·2	82·4	81·5	81·9	81·4	81·0	80·7	80·4	80·0	81·4	85·7	88·0	90·6	91·3	93·8	96·0	94·3	94·0	92·[illegible]	86·5
25	91·1	90·3	86·5	84·2	83·7	83·4	83·2	82·7	82·6	82·1	81·7	81·7	81·7	81·2	81·2	82·4	81·7	83·2	86·3	90·8	92·8	92·3	93·2	93·[illegible]	85·6
26	93·0	90·7	87·7	86·6	85·6	85·2	84·7	83·6	84·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	84·6	84·0	83·2	82·3	82·0	83·2	86·5	89·5	91·1	92·9	94·9	96·0	93·8	92·0	89·[illegible]	87·8
28	90·1	88·2	87·1	86·4	85·4	85·2	84·3	84·6	84·5	83·3	82·2	81·6	81·0	80·9	82·0	85·6	87·8	89·4	91·5	95·0	95·1	93·6	92·8	91·[illegible]	87·0
29	89·8	88·2	86·6	85·8	85·6	85·5	85·6	85·4	84·9	84·2	83·6	83·2	82·8	80·5	80·8	80·6	80·5	81·7	83·0	85·9	88·0	89·1	89·3	89·[illegible]	85·0
30	87·7	86·0	84·2	83·5	82·6	82·4	82·6	82·4	81·8	81·1	80·5	80·5	80·4	80·1	78·6	80·0	84·5	87·5	88·7	90·7	90·9	92·7	93·7	95·[illegible]	84·9
31	94·6	90·3	87·6	86·6	86·6	86·6	86·0	85·2	83·6	83·0	82·6	82·1	81·6	81·6	82·6	83·7	85·0	87·4	91·2	93·3	95·2	94·4	94·0	93·7	87·4
Means.	91·9	89·8	86·8	85·5	84·9	84·2	83·6	83·5	83·0	82·6	82·2	81·9	81·5	81·1	81·9	84·3	86·6	88·6	90·5	92·8	94·0	94·6	94·6	93·6	86·8

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily Means.

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DRY THERMOMETER (STANDARD).

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 3.41	h. m. 2.41	h. m. 1.41	h. m. 0.41	h. m. 23.41	h. m. 22.41	h. m. 21.41	h. m. 20.41	h. m. 19.41	h. m. 18.41	h. m. 17.41	h. m. 16.41	h. m. 15.41	h. m. 14.41	h. m. 13.41	h. m. 12.41	h. m. 11.41	h. m. 10.41	h. m. 9.41	h. m. 8.41	h. m. 7.41	h. m. 6.41	h. m. 5.41	h. m. 4.41	
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
SEPTEMBER 1854. 1	91·6	90·3	88·0	87·4	86·6	86·1	85·6	85·0	85·6	84·8	84·2	83·6	83·0	82·6	83·8	87·7	90·2	91·0	93·2	94·3	95·7	94·1	94·0	94·0	88·4
2	91·6	88·7	87·4	86·9	86·6	85·6	85·4	85·2	84·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	83·0	82·6	82·2	81·7	81·2	82·0	85·3	87·3	89·2	91·1	92·7	94·0	93·5	94·5	93·2	87·3
4	91·6	89·6	86·9	86·2	85·8	85·4	85·2	85·2	85·1	81·0	77·0	76·8	76·5	77·2	76·0	80·0	82·5	84·6	87·4	88·6	89·5	89·5	89·9	89·7	84·5
5	88·8	86·5	85·2	84·5	83·6	83·6	83·7	83·5	83·2	83·0	82·6	82·3	81·6	81·7	82·6	84·8	87·2	89·6	89·7	91·0	92·9	93·5	94·5	89·8	86·2
6	82·0	81·8	79·6	79·5	79·8	80·2	80·3	79·5	79·0	78·6	78·3	78·5	78·7	78·6	78·7	79·4	80·7	82·2	83·2	84·8	86·8	87·5	87·9	88·4	81·4
7	87·2	84·7	81·8	79·0	79·0	79·3	79·5	79·0	79·6	79·5	79·4	79·2	79·0	78·6	78·0	78·7	81·4	85·5	86·4	88·0	88·3	88·4	90·5	91·3	82·6
8	89·5	88·1	85·0	83·6	83·3	79·2	78·6	78·3	78·5	78·5	78·6	78·5	78·4	77·7	77·3	77·5	79·0	81·2	83·4	85·5	85·5	85·4	84·5	85·4	81·7
9	84·6	83·4	82·2	81·8	81·4	81·2	81·1	80·9	80·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	80·3	80·0	79·7	79·3	78·8	79·3	81·7	84·3	86·8	88·4	90·0	91·0	92·3	92·4	92·3	83·9
11	92·1	88·8	86·5	85·0	84·1	83·8	83·3	83·0	82·3	81·9	81·6	80·8	80·0	79·6	80·7	85·0	87·1	88·6	89·9	91·8	93·4	94·6	94·4	94·8	86·4
12	91·5	88·5	85·6	85·2	84·2	83·7	83·5	83·0	82·7	82·0	81·3	80·8	80·3	79·8	81·4	83·6	86·2	88·3	89·9	91·7	92·6	93·8	94·8	93·0	86·1
13	90·2	87·2	85·6	84·8	84·3	84·0	84·0	83·5	83·0	82·5	82·0	81·8	81·6	81·0	81·4	84·4	87·4	89·6	91·0	92·8	94·0	94·4	92·5	90·5	86·4
14	88·5	86·7	85·3	84·7	84·4	84·0	83·6	83·5	83·0	82·3	81·7	81·3	80·8	80·5	82·0	84·7	87·4	89·4	90·4	91·6	94·0	94·5	92·6	91·6	86·2
15	89·4	87·0	86·5	82·3	83·0	84·0	83·5	83·2	82·7	80·2	77·7	77·9	78·0	77·8	78·5	79·2	80·8	83·3	86·8	88·0	88·0	88·6	88·6	87·5	83·4
16	86·5	84·5	79·6	79·3	79·5	80·1	81·1	80·7	80·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	82·2	81·7	81·2	80·7	80·5	81·6	84·6	86·8	89·0	90·2	90·6	92·4	93·0	92·5	90·2	84·5
18	90·0	87·4	85·7	85·1	84·6	84·2	83·6	83·2	82·5	82·1	81·7	80·8	79·6	79·3	81·0	84·4	87·0	88·7	90·0	91·5	93·1	93·9	93·7	92·9	86·1
19	91·6	87·5	86·6	86·8	84·8	83·4	83·6	83·0	82·6	81·6	80·6	80·1	79·5	79·9	79·9	82·1	85·9	88·5	90·9	93·0	94·5	95·2	93·4	92·5	86·1
20	91·0	88·7	86·4	84·9	84·6	83·6	83·3	82·6	82·5	82·0	81·8	81·3	80·9	80·5	81·0	83·5	86·5	88·7	90·5	92·0	93·9	95·4	94·0	92·8	86·3
21	91·5	88·3	86·5	85·8	84·8	82·8	81·7	81·5	81·6	81·1	80·7	81·1	81·5	81·5	82·2	83·2	85·6	88·3	91·3	92·6	93·6	94·8	95·0	91·4	86·3
22	93·2	90·4	87·5	86·6	85·7	85·2	84·7	83·7	83·3	82·7	82·2	82·0	81·8	81·8	82·4	84·6	86·6	86·6	87·8	89·6	90·8	91·0	91·3	92·4	86·4
23	91·5	89·9	87·0	86·1	85·6	85·0	84·6	84·0	83·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	82·5	82·3	82·1	81·6	81·4	82·4	85·6	88·0	90·0	91·4	92·3	93·1	93·9	95·3	91·7	87·1
25	89·1	86·6	85·4	84·8	84·8	84·7	84·3	84·6	83·3	82·0	82·6	82·3	82·0	82·0	83·0	86·4	88·4	90·6	93·0	94·3	94·8	95·0	95·5	91·8	87·1
26	89·8	87·3	86·0	85·3	84·6	84·2	83·9	83·7	81·5	83·0	82·6	82·2	81·7	81·6	82·8	85·2	87·6	89·4	91·2	93·0	91·7	91·8	91·2	89·9	86·4
27	88·8	87·1	85·4	85·1	84·6	84·0	83·7	83·5	83·6	83·0	82·5	82·4	82·2	82·1	82·6	84·8	87·2	90·5	92·2	92·9	93·6	93·3	92·4	90·2	86·6
28	88·0	86·5	85·4	85·1	85·0	84·8	84·2	84·0	83·2	82·8	82·5	82·4	82·2	81·5	81·7	83·5	86·2	89·0	91·0	92·3	93·5	94·2	93·0	92·3	86·4
29	90·5	87·4	85·2	82·7	82·5	82·0	82·0	82·5	83·6	81·2	79·5	79·1	78·6	78·3	79·7	83·6	86·7	88·8	89·4	91·2	92·2	91·0	91·0	89·7	84·9
Means.	89·5	87·3	85·3	84·3	83·9	83·4	83·1	82·8	82·5	81·8	81·1	80·8	80·5	80·2	81·0	83·3	85·6	87·9	89·6	91·0	92·1	92·5	92·4	91·3	85·6
September 30	88·7	86·3	85·2	84·6	84·1	83·9	83·8	83·2	77·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
OCTOBER 1854. 1	—	—	—	—	—	—	—	—	—	79·2	78·7	78·2	77·7	77·5	76·0	81·6	84·4	86·8	88·6	90·4	91·5	91·7	90·6	89·6	84·2
2	88·2	86·3	84·7	84·3	84·0	83·6	83·2	82·8	82·0	81·7	81·5	81·1	80·6	80·4	80·4	81·2	82·6	87·4	89·7	92·5	93·8	94·0	93·0	91·7	85·4
3	88·5	87·0	85·7	84·9	84·2	83·2	82·6	81·8	81·1	80·1	79·8	78·7	77·5	77·6	78·0	79·3	81·9	83·6	87·5	89·3	85·5	82·0	82·8	83·7	82·8
4	84·1	82·7	82·2	81·9	81·4	79·6	79·0	78·5	78·3	78·2	78·2	78·1	77·9	77·9	79·0	83·6	86·6	88·5	89·5	91·4	91·8	93·0	87·7	87·3	83·2
5	86·9	85·6	83·8	83·2	83·0	82·6	82·4	82·4	81·8	81·3	80·9	80·6	80·2	79·3	80·2	83·4	85·5	87·0	89·4	89·7	91·6	91·4	90·6	88·2	84·6
6	86·8	85·5	84·1	83·6	82·6	81·8	81·1	80·6	79·8	79·4	79·0	78·5	78·0	77·6	79·8	83·5	88·1	88·0	89·2	91·0	91·2	90·8	90·2	89·7	84·1
7	87·7	86·0	84·8	84·3	83·9	83·6	83·6	83·1	82·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	80·4	80·3	80·2	80·0	79·7	81·6	84·0	86·5	88·6	90·2	91·6	93·0	93·0	92·7	91·0	85·5
9	89·5	87·3	85·8	85·5	84·7	83·6	82·9	81·9	81·1	80·9	80·8	80·8	80·7	80·5	81·1	83·6	85·6	88·9	91·2	91·7	89·4	91·4	90·7	90·5	85·4
10	88·7	86·3	85·2	83·6	83·0	81·9	80·7	80·8	79·6	79·1	78·7	78·2	77·7	77·5	79·5	82·9	86·0	88·3	90·8	92·7	91·2	90·3	90·3	89·2	84·2
11	88·0	86·3	84·9	83·9	83·7	83·6	83·1	82·8	82·3	81·4	80·5	80·3	80·0	79·8	81·1	83·9	86·2	88·4	89·5	91·2	91·4	90·5	89·7	88·7	85·0
12	87·5	85·7	84·6	84·4	83·7	83·5	83·3	83·0	82·7	82·1	81·5	81·1	80·7	80·3	82·0	85·0	84·4	86·8	87·9	88·5	89·0	89·4	88·7	87·8	84·7
13	86·3	85·0	83·8	83·5	83·4	83·4	83·1	83·3	82·5	81·4	80·4	79·8	79·1	78·8	80·4	84·2	85·6	88·0	89·9	90·6	90·4	90·2	89·5	88·8	84·6
14	87·6	86·6	85·6	84·1	83·6	84·0	83·6	83·5	83·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	79·1	79·0	78·9	78·8	78·7	79·7	82·0	83·3	84·0	86·2	88·4	89·0	88·5	89·0	87·7	83·9
16	86·3	84·7	83·5	82·6	81·7	80·9	80·7	77·5	76·9	77·0	77·2	77·3	77·3	77·6	78·0	80·2	82·8	83·1	81·8	80·6	80·4	81·0	81·8	82·5	80·5
17	82·1	80·8	80·3	79·8	79·5	79·3	79·0	78·5	76·4	78·0	77·6	77·3	77·0	77·3	78·0	79·5	81·9	81·7	82·8	83·0	82·0	81·1	81·3	81·5	79·9
18	81·3	80·3	79·5	78·8	78·4	77·8	77·2	77·0	76·9	76·6	76·3	76·0	75·6	75·9	76·0	76·4	76·7	76·7	77·7	78·0	76·5	79·6	81·3	80·6	77·9
19	80·4	79·4	78·6	78·3	78·0	77·7	77·2	76·8	78·0	75·6	75·3	76·0	74·7	74·7	75·7	77·5	80·2	82·3	83·0	84·2	84·0	82·3	83·2	82·9	78·9
20	81·3	79·8	79·1	79·1	78·6	78·3	77·9	76·6	76·4	76·2	76·0	75·9	75·7	75·9	75·2	76·2	75·6	75·6	77·1	78·9	80·7	81·3	80·7	80·3	77·8
21	80·0	79·7	79·6	79·3	78·6	76·2	77·6	76·8	77·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	77·2	77·0	76·8	76·5	76·4	76·6	78·5	80·6	81·8	83·6	84·5	85·5	85·6	85·3	84·7	79·8
23	83·1	81·8	81·0	79·6	78·5	77·8	77·4	76·9	76·5	76·1	75·8	76·8	75·4	75·4	76·7	78·5	81·3	84·5	85·8	86·0	86·5	87·0	86·6	[illegible]	80·4
24	84·8	83·0	81·7	81·4	80·2	79·4	78·8	78·4	78·0	77·7	77·5	77·5	77·4	77·4	77·7	80·0	82·6	85·9	86·8	87·4	88·6	88·8	88·5	[illegible]	81·9
25	85·3	83·7	82·6	80·8	80·0	80·0	79·9	79·9	79·9	79·1	78·3	78·2	78·1	77·6	79·6	81·5	84·0	85·2	86·6	87·4	87·5	86·4	87·3	86·7	82·4
26	85·2	83·2	82·2	82·2	81·8	81·6	81·2	81·0	79·3	78·9	78·5	78·4	78·3	78·3	78·7	80·5	83·6	84·0	85·5	86·2	86·8	86·4	85·8	[illegible]	82·2
27	84·2	82·9	82·2	81·9	81·5	81·3	80·6	80·5	80·4	79·7	79·0	77·3	75·5	75·8	74·6	75·6	76·4	76·9	79·5	82·5	84·4	84·6	84·7	[illegible]	80·3
28	82·5	81·0	80·4	79·9	79·6	79·5	79·6	79·0	78·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	79·4	79·0	78·6	78·3	78·4	78·1	78·5	79·4	80·5	82·0	83·2	85·4	85·5	84·5	[illegible]	80·6
30	83·8	82·2	81·7	81·4	81·4	81·4	81·4	81·0	80·3	79·6	79·0	78·8	78·5	78·3	78·9	81·7	83·8	85·4	86·5	87·5	87·6	87·7	86·8	85·7	82·5
31	84·5	82·8	82·2	81·8	78·6	77·2	76·8	76·6	77·0	76·6	76·7	76·7	76·7	76·5	77·6	79·5	81·5	83·6	85·3	87·6	87·8	87·3	87·6	[illegible]	81·0
Means.	85·3	83·7	82·8	82·2	81·5	81·6	80·6	80·1	79·5	79·0	78·8	78·3	77·9	77·8	78·5	80·8	82·8	84·5	86·0	87·2	87·6	87·5	87·1	86·4	82·4

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily Means.

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DRY THERMOMETER (STANDARD).

Göttingen Mean Time.		Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.		P. M. h. m. 4 41	h. m. 5. 41	h. m. 6 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20 41	h. m. 21 41	h. m. 22 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2 41	h. m. 3. 41	
											*		*													
		°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
NOVEMBER 1854.	1	85·1	82·7	61·6	81·0	80·4	80·3	79·8	79·6	79·3	79·1	79·0	78·8	78·6	78·2	76·0	80·0	82·2	85·1	86·2	86·8	87·3	87·7	87·0	86·7	82·1
	2	85·3	83·1	61·6	81·4	80·8	80·3	80·2	79·7	79·5	76·9	78·3	78·0	77·7	77·4	78·5	81·2	83·5	85·4	85·9	86·5	86·7	86·3	87·3	85·7	82·0
	3	84·9	82·7	81·9	81·3	81·3	61·6	80·5	80·2	79·6	79·5	79·2	79·1	79·0	79·0	79·5	80·6	82·6	84·8	83·8	83·3	83·9	83·3	81·8	78·0	81·3
	4	77·7	77·7	77·6	76·4	76·7	75·6	76·2	75·6	75·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	5	—	—	—	—	—	—	—	—	—	75·4	75·1	74·8	74·5	74·3	75·0	77·6	80·0	82·7	84·4	85·3	86·0	87·0	87·4	86·2	78·9
	6	84·5	82·5	81·1	80·6	80·2	79·9	79·6	79·2	79·0	78·7	76·5	78·2	77·8	77·7	78·4	80·6	83·0	85·2	87·0	89·0	90·5	91·6	87·0	85·2	82·3
	7	63·1	82·0	80·0	79·4	78·6	78·4	76·0	77·4	77·2	76·9	76·6	76·6	76·5	76·5	77·2	79·2	81·8	83·8	86·1	87·3	87·7	88·0	87·0	85·8	80·9
	8	84·2	82·3	81·5	81·4	61·1	81·0	80·4	79·8	78·6	78·6	78·6	78·1	77·5	77·0	77·6	78·5	79·6	62·6	83·7	85·3	85·3	86·4	85·7	84·7	61·2
	9	83·5	82·0	81·4	81·2	81·3	81·0	80·8	80·5	80·0	80·0	80·0	79·6	79·2	79·0	79·6	81·6	83·1	83·7	84·7	85·7	85·1	84·8	84·3	83·9	81·9
	10	82·7	61·5	80·9	80·1	79·5	79·1	78·6	78·3	78·0	77·2	76·5	76·0	75·5	75·0	75·2	77·5	79·6	82·3	83·9	83·7	84·0	62·7	81·8	81·2	79·8
	11	80·0	76·7	77·6	77·6	76·0	77·0	76·6	76·0	75·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	—	—	—	—	—	77·2	77·0	76·8	76·6	76·4	76·6	76·5	79·9	62·9	84·4	85·6	85·9	85·3	85·0	82·9	79·5
	30	83·7	81·6	80·6	79·9	79·6	78·6	77·6	77·0	76·6	76·3	76·0	76·2	76·4	76·2	76·4	76·8	79·3	80·9	78·0	79·6	83·5	84·6	83·9	83·6	79·3
	14	82·8	81·0	80·0	79·6	79·4	79·0	79·0	79·2	78·4	77·8	77·2	76·9	76·5	76·6	77·2	79·5	83·0	83·6	85·1	85·0	85·7	85·8	85·0	83·8	80·7
	15	81·6	80·5	79·7	79·6	80·0	78·7	79·0	78·8	78·5	78·3	76·2	77·7	77·1	77·0	78·0	80·4	82·0	79·4	80·3	82·7	83·2	83·6	83·3	83·0	80·0
	16	82·2	80·8	80·4	80·3	80·0	79·6	79·4	79·0	78·4	77·9	77·4	76·7	76·0	75·4	75·3	77·3	79·6	81·6	82·8	84·0	84·5	83·5	83·2	82·7	79·9
	17	81·3	79·7	78·0	78·7	78·4	77·9	76·8	76·0	75·5	75·2	75·0	74·3	73·6	73·4	74·2	76·0	78·7	80·2	82·6	82·9	84·5	83·2	83·3	82·2	78·4
	18	81·0	80·1	78·9	78·8	76·1	78·0	78·0	77·7	76·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	19	—	—	—	—	—	—	—	—	—	73·1	73·0	72·9	72·8	72·8	73·0	73·5	75·6	78·7	78·0	80·7	81·2	83·3	77·7	78·8	77·2
	20	79·2	78·0	76·8	76·6	76·3	77·6	78·0	78·3	78·5	78·3	78·2	77·9	77·5	77·5	77·7	79·2	61·2	82·3	82·4	83·0	83·1	82·2	82·0	81·3	79·3
	21	79·9	78·7	78·5	78·4	78·2	78·0	78·0	77·7	77·8	77·3	76·8	76·1	75·3	76·0	77·8	79·6	61·5	81·0	82·7	82·2	82·6	82·6	81·7	61·6	70·2
	22	80·7	79·0	78·9	79·2	79·4	79·5	79·5	78·5	79·3	79·2	79·1	79·1	70·0	79·0	76·4	79·8	80·5	81·4	81·0	78·0	77·0	78·6	76·3	76·5	70·1
	23	77·2	77·8	78·3	78·5	78·5	77·6	76·5	75·5	75·0	76·0	77·0	77·3	77·5	78·0	77·7	78·8	80·6	82·5	83·0	83·1	82·5	81·8	79·3	77·5	78·6
	24	77·2	77·1	76·9	76·5	76·6	76·6	76·5	76·5	76·4	76·4	76·5	76·8	77·0	76·7	77·3	79·5	81·3	82·7	83·2	83·7	84·2	83·9	81·6	81·7	78·9
	25	80·1	79·3	79·0	78·6	78·7	78·5	76·4	78·6	78·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	—	—	—	—	—	—	77·2	77·0	76·8	76·5	75·6	76·5	77·6	80·3	81·7	82·7	83·5	83·4	82·7	82·5	61·7	79·4
	27	80·7	80·1	79·6	79·6	78·1	77·5	76·5	75·3	75·2	74·9	74·7	74·9	75·0	74·5	75·0	75·7	78·7	78·4	81·8	79·9	81·0	79·3	80·1	79·8	77·8
	28	78·8	78·0	77·2	76·7	76·6	76·0	76·0	76·0	76·0	75·2	74·5	74·6	74·7	74·5	74·5	76·9	78·9	80·6	82·7	83·3	83·5	83·2	82·5	82·4	78·1
	29	81·7	80·0	79·2	79·1	78·9	78·8	78·6	78·0	77·5	77·2	77·0	76·3	75·5	75·4	76·3	79·6	81·4	83·1	82·7	83·8	83·2	83·2	82·5	82·1	79·6
	30	81·0	80·0	79·4	78·9	76·4	77·8	77·6	77·0	75·6	75·0	74·5	74·0	73·5	73·7	74·8	76·4	79·7	81·5	82·6	62·0	83·0	61·7	81·0	80·7	76·3
	31																									
Means.		61·5	80·3	70·5	79·2	79·0	76·6	76·3	77·9	77·5	77·2	77·0	76·7	76·4	76·3	76·8	76·6	80·7	82·2	83·1	83·7	84·2	84·1	83·1	62·3	79·6
											*		*													
DECEMBER 1854.	1	80·5	79·1	78·2	77·5	77·3	77·5	77·0	76·6	76·5	75·5	74·5	74·1	73·7	73·4	73·4	75·2	77·5	79·7	81·0	62·0	82·2	82·3	82·3	81·4	77·9
	2	80·6	79·5	78·6	77·6	77·2	77·6	77·5	77·4	76·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	3	—	—	—	—	—	—	—	—	—	76·0	75·7	75·4	75·0	74·7	74·7	76·3	77·7	80·7	82·1	82·9	83·0	83·3	82·8	79·5	78·4
	4	79·8	79·4	76·0	76·0	75·8	75·4	75·6	75·0	74·7	74·9	75·2	75·1	76·0	74·7	75·2	77·5	77·0	81·2	83·5	83·6	83·7	81·2	82·0	80·8	77·8
	5	80·0	79·5	79·0	78·8	78·8	78·6	78·8	78·3	78·2	78·0	77·9	77·7	77·5	76·4	75·8	76·7	75·7	78·3	81·0	83·5	82·6	83·3	81·8	81·9	79·1
	6	80·7	79·5	78·6	78·6	78·2	77·6	77·4	77·4	77·0	76·1	75·2	74·8	74·4	74·2	74·3	76·6	77·6	80·5	81·6	82·3	82·5	82·6	82·1	81·3	78·4
	7	80·0	79·7	77·8	77·2	76·6	75·0	74·2	74·0	73·5	73·1	72·8	72·7	72·5	72·2	72·2	74·8	77·2	79·4	80·9	81·8	82·9	83·2	82·7	82·2	77·0
	8	80·8	79·2	78·0	77·0	76·9	75·4	74·6	74·3	73·8	73·9	74·0	73·6	73·2	73·5	74·2	75·7	77·7	81·6	62·0	82·6	82·1	83·0	82·5	82·0	77·8
	9	80·6	79·5	78·6	78·6	78·6	78·4	78·4	78·0	77·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10	—	—	—	—	—	—	—	—	—	74·6	74·6	74·6	74·5	75·0	75·8	77·0	75·6	80·5	79·7	79·9	81·4	80·6	78·3	78·3	77·9
	11	78·8	79·0	79·4	78·8	78·6	79·0	78·0	77·7	76·9	76·8	76·8	76·9	76·9	76·5	76·9	78·3	80·2	81·2	81·7	82·0	82·4	82·2	81·7	81·3	79·1
	12	80·4	78·7	78·4	78·0	77·6	77·3	77·5	77·7	76·7	76·6	76·5	75·4	74·2	73·3	73·1	75·6	79·0	79·7	81·0	81·3	81·0	61·0	80·5	80·5	78·0
	13	79·4	77·9	76·6	76·6	76·5	76·4	76·0	75·0	74·7	74·0	73·3	72·8	72·3	72·6	73·6	73·7	76·1	80·1	80·3	80·8	81·2	81·4	80·2	80·2	76·7
	14	76·9	77·2	76·1	75·7	75·4	74·7	73·5	73·0	72·7	71·6	70·5	70·1	69·8	69·6	69·9	71·9	74·8	76·8	78·5	79·7	80·0	79·3	79·4	78·8	74·9
	15	78·3	77·0	75·7	75·2	74·7	74·3	73·5	73·0	72·2	71·9	71·7	71·6	71·4	71·4	71·7	73·8	76·2	77·5	80·0	80·2	80·6	81·1	80·3	80·8	75·6
	16	78·6	77·5	78·5	75·6	74·8	74·2	72·7	72·7	72·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	17	—	—	—	—	—	—	—	—	—	72·7	72·0	71·3	70·5	70·6	71·0	73·3	77·6	79·7	80·5	80·7	61·5	82·0	81·5	80·7	75·9
	18	79·3	77·6	77·2	76·5	75·0	74·4	73·3	71·6	71·0	70·3	69·7	69·6	69·4	68·9	69·8	71·6	74·9	76·6	78·3	80·5	80·5	80·4	80·5	80·0	74·9
	19	78·8	77·2	76·3	75·5	74·7	72·9	72·2	71·9	71·7	71·3	71·0	70·7	70·4	70·3	71·5	73·3	76·4	78·0	79·9	81·4	80·3	80·7	80·3	79·7	75·3
	20	78·4	76·8	75·0	75·6	75·3	75·3	74·8	74·4	74·3	72·4	70·6	70·1	69·6	69·3	69·3	71·2	74·9	77·6	79·1	79·9	80·4	80·5	79·7	80·0	75·2
	21	79·1	77·0	76·0	76·4	77·0	77·0	76·8	76·2	75·5	75·0	74·6	74·6	74·6	73·6	73·2	73·3	74·9	75·6	76·5	77·7	75·9	76·0	75·8	75·5	75·7
	22	76·4	75·5	75·5	75·0	75·6	74·6	75·2	75·7	75·7	75·6	75·5	75·3	75·0	75·0	75·0	76·2	78·4	79·1	81·0	80·7	61·6	81·9	81·0	70·6	77·1
	23	79·0	76·2	75·4	75·2	76·6	76·7	77·0	77·3	77·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	—	—	—	—	—	77·3	77·2	77·1	77·0	76·0	75·9	77·9	80·0	80·5	80·9	79·2	80·5	80·7	80·3	77·[illegible]	77·9
	25	75·9	74·5	74·3	75·0	74·7	75·0	74·5	74·3	74·2	74·7	75·3	75·7	76·0	78·0	76·0	76·7	76·7	78·0	80·2	81·3	78·2	80·5	78·5	79·0	76·5
	26	79·0	78·1	77·5	77·2	77·6	77·4	77·4	77·3	77·2	76·6	78·0	75·8	75·5	75·0	75·0	77·3	78·5	80·0	80·0	80·9	81·2	81·0	80·6	80·[illegible]	78·0
	27	79·5	77·9	77·2	76·9	76·6	76·8	76·6	76·2	76·0	75·1	74·2	73·9	73·5	72·7	72·2	73·4	75·7	78·4	79·7	80·2	61·1	80·7	80·3	79·[illegible]	76·8
	28	79·3	77·6	77·2	77·1	78·9	76·7	76·5	76·3	75·0	75·2	75·5	75·1	74·7	74·4	74·3	74·7	74·8	74·8	74·6	75·7	76·1	78·3	79·4	76·7	76·1
	29	75·7	76·5	77·2	77·4	77·3	77·4	77·4	77·8	76·7	76·4	76·1	75·2	74·3	74·5	73·5	77·7	78·6	80·3	80·6	81·0	81·2	80·7	80·2	79·[illegible]	77·7
	30	79·0	77·3	76·2	75·5	75·4	75·6	75·6	75·5	75·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	31	—	—	—	—	—	—	—	—	—	73·6	72·3	71·4	70·2	69·7	69·4	72·5	75·6	76·3	79·4	79·9	80·3	80·3	80·1	79·[illegible]	75·8
Means.		79·1	76·0	77·0	76·7	76·5	76·2	75·8	75·6	75·1	74·6	74·2	73·9	73·5	73·2	73·4	75·1	76·9	79·0	80·2	80·8	80·9	81·1	80·6	79·9	77·0

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily Means.

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WET THERMOMETER (STANDARD No. 8.)

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
December 31	71·1	70·0	68·6	69·1	68·2	66·7	66·2	66·2	66·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JANUARY 1854. 1	—	—	—	—	—	—	—	—	—	67·7	67·2	66·7	66·1	66·2	66·2	68·2	70·4	70·7	70·7	70·9	70·6	70·1	70·4	70·2	68·5
2	70·3	69·7	69·2	69·2	68·3	68·9	68·2	67·5	66·4	65·9	65·4	64·9	64·3	64·7	65·4	66·7	69·5	69·4	69·7	68·8	69·2	69·6	69·8	69·8	67·9
3	69·4	68·4	68·1	67·5	67·2	67·2	67·5	67·9	66·0	64·6	63·2	63·1	62·9	62·7	62·9	65·2	67·7	67·9	67·7	68·1	67·8	68·0	68·0	67·9	66·5
4	67·7	67·2	67·2	67·2	66·2	66·0	65·2	64·9	64·2	64·2	64·2	64·0	63·7	63·5	63·5	65·4	67·2	69·2	69·5	69·2	70·0	69·4	69·2	69·2	66·6
5	68·2	67·6	66·7	66·5	65·6	65·3	64·2	64·8	64·5	64·3	64·2	63·6	63·0	62·7	62·5	63·9	66·7	68·8	68·7	70·0	70·2	70·7	70·8	71·0	66·4
6	70·0	69·6	69·2	69·3	68·3	68·4	67·7	68·2	66·9	66·3	65·8	65·3	64·7	65·0	65·4	66·5	68·2	69·4	70·4	71·2	71·7	71·7	71·2	71·2	68·4
7	70·9	70·2	69·8	69·5	69·5	69·8	69·3	69·0	67·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	72·2	71·9	71·6	71·2	70·9	70·8	72·0	73·2	75·4	76·2	76·0	77·0	76·7	76·2	75·2	72·2
9	75·2	75·2	75·4	75·5	75·3	75·4	75·4	75·4	75·1	75·2	75·3	75·2	75·0	74·4	75·0	75·9	76·9	77·7	78·2	78·0	77·4	77·4	77·2	76·7	76·0
10	76·4	75·6	75·4	74·7	75·1	75·0	75·2	75·5	74·2	73·6	73·1	72·7	72·2	71·6	71·7	73·2	73·7	73·7	74·0	74·5	73·9	73·4	73·0	72·4	73·9
11	72·0	71·9	71·2	70·8	70·5	69·9	69·2	69·0	68·6	68·0	67·4	67·6	67·7	67·2	67·0	69·1	69·6	71·6	71·7	71·2	72·1	70·4	70·7	71·0	69·8
12	70·7	70·2	69·7	70·0	70·2	70·0	69·9	69·7	69·9	68·2	66·6	66·8	67·0	66·2	66·2	67·4	69·4	70·9	70·4	70·2	70·7	70·4	70·2	70·2	69·2
13	70·1	69·4	68·8	68·7	68·4	68·2	68·2	68·2	67·5	67·3	67·2	67·2	67·2	67 0	67·2	68·2	69·8	70·2	70·5	70·0	70·7	70·1	70·0	70·0	68·8
14	69·7	69·5	69·2	69·2	69·1	69·4	69·0	68·4	68·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	69·2	69·2	69·2	69·2	68·4	67·2	69·3	71·2	71·4	71·9	72·2	73·5	73·3	73·7	73·2	70·1
16	72·8	72·2	71·3	71·4	71·5	71·7	71·0	71·1	69·7	69·5	69·4	69·3	69·2	68·4	68·7	70·0	72·2	72·8	72·3	72·4	73·0	73·2	72·8	72·8	71·2
17	72·2	71·9	71·6	71·5	71·3	71·4	71·7	71·5	70·2	70·1	70·0	69·1	68·7	68·4	69·2	69·6	71·2	71·9	72·4	72·6	73·0	72·4	72·7	72·4	71·1
18	72·2	71·7	71·7	71·7	71·0	71·2	70·5	69·4	69·0	68·7	68·4	68·4	68·4	67·4	68·2	70·0	71·7	72·1	72·5	71·3	72·0	71·5	71·7	71·2	70·5
19	71·6	71·7	71·2	70·8	70·8	70·2	70·0	69·0	69·1	67·7	66·4	65·7	64·9	64·8	65·0	66·7	68·1	68·2	68·9	70·0	70·2	70·0	69·7	70·1	68·8
20	69·2	68·5	68·1	67·9	67·3	66·7	67·2	66·4	67·2	66·9	66·7	66·5	66·2	66·6	67·2	67·5	68·2	67·4	68·9	69·2	68·8	69·2	68·7	68·4	67·7
21	68·0	68·2	68·7	68·3	68·5	68·8	68·2	68·2	67·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	69·9	70·2	70·5	70·7	68 2	67·4	68·6	68·2	69·7	70·2	70·8	71·2	70·7	71·3	71·2	69·3
23	71·2	70·3	68·1	68·3	68·3	68·0	68·2	68·4	67·2	67·3	67·4	67·6	67·7	66·4	66·9	68·7	68·3	69·0	68·7	71·2	69·7	70·9	70·2	69·7	68·7
24	69·7	68·8	68·2	68·2	68·0	68·1	67·5	67·3	67·5	66·8	66·2	65·6	64·9	66·0	64·4	66·0	67·7	69·7	71·4	70·0	70·0	70·4	71·1	71·0	68·1
25	71·0	70·2	69·5	69·3	68·9	69·2	68·4	67·3	67·0	66·6	66·2	66·0	65·7	65·4	65·3	67·2	69·2	70·2	69·4	70·9	70·6	71·0	70·9	70·3	68·6
26	69 8	69·2	68·1	68·2	68·2	67·4	68·2	66·7	65·0	65·5	66·0	65·6	65·2	64·7	64·9	66·4	68·7	68·2	68·3	70·2	70·0	70·6	70·5	70·2	67·7
27	70·2	70·0	69·4	69·2	69·1	68·2	67·4	66·7	66·3	65·8	65·1	65·0	64·6	64·2	64·2	66·2	69·0	70·2	69·3	69·5	70·1	70·4	70·2	70·2	68·0
28	70·0	69·2	68·4	68·2	68·3	68·5	68·3	67·4	66·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	66·5	66·1	66·3	66·2	65·2	65·5	66·7	68·9	68·7	68·3	69·2	70·2	70·0	69·2	69·2	68·0
30	69·2	69·1	68·2	68·3	68·3	68·5	68·4	66·7	65·4	65·4	65·4	65·3	65·2	64·7	64·3	67·1	69·1	69·2	69·4	70·6	70·2	70·5	71·0	70·5	67·9
31	70·2	70·2	69·7	69·7	69·4	68·6	67·2	66·5	65·4	65·0	64·7	65·0	65·2	64·9	64·5	66·6	68·5	70·3	71·2	71·9	72·2	72·2	73·0	72·7	68·5
Means.	70·7	70·2	69·7	69·6	69·3	69·1	68·8	86·4	67·7	67·7	67·4	67·2	66·9	66·5	66·5	68·1	69·7	70·5	70·8	71·1	71·3	71·3	71·2	71·0	69·2
FEBRUARY 1854. 1	72·5	72·2	71·2	70·8	70·4	70·2	70·0	69·2	67·2	66·8	66·4	65·8	65·2	65·4	65·2	68·7	70·0	71·6	72·5	73·7	72·8	75·7	76·0	76·0	70·2
2	75·7	75·4	75·1	74·8	74·9	74·2	73·5	73·2	73·2	72·2	71·2	71·3	71 3	70·8	70·4	72·4	75·2	76·0	74·4	74·6	76·4	77·2	77·5	77·1	74·1
3	76·7	76·2	75·2	75·3	75·4	75·2	74·2	73·4	73·2	72·7	72·3	72·0	71·6	71·1	71·7	73·4	74·8	74·1	74·8	76·0	76·4	75·4	74·2	74·6	74·2
4	75·0	75·9	74·9	74·3	74·4	74·2	74·2	73·7	73·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	69·9	69·5	69·1	68·6	68·2	68·0	71·0	72·2	74·0	74·4	74·7	74·3	74·3	75·2	74·7	72·8
6	74·5	73·9	73·7	73·3	72·9	72·7	72·2	72·2	72·2	71·3	70·4	70·0	69·5	69·4	69·4	71·2	73·7	74·0	73·2	73·2	74·0	73·6	74·2	73·7	72·4
7	73·9	73·8	72·9	72·9	72·6	72·7	72·2	72·2	72·0	71·5	71·1	70·2	69·2	69·3	69·2	72·0	72·9	73·2	72·7	73·9	73·3	74·7	74·1	73·9	72·3
8	73·6	72·8	72·3	72·7	72·2	72·2	72·0	72·0	71·7	70·8	70·0	69·6	69·2	68·4	68·5	70·4	72·9	73·7	74·4	73·9	74·2	74·0	73·9	73·7	72·0
9	73·2	73·0	72·9	72·8	72·3	72·5	72·3	72·7	72·1	71·7	71·4	70·8	70·2	69·2	68 9	71·4	73·5	74·2	73·7	73·8	74·2	74·4	75·0	74·2	72·5
10	74·2	73·2	72·7	72·7	72·3	71·9	71·4	71·1	70·7	69·4	68·2	67·8	67·4	67·2	67·2	70·6	72·0	72·9	73·4	73·2	74·4	74·2	74·7	75·0	71·6
11	74·7	73·2	73·0	72·2	72·2	71·2	70·7	70·2	69·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	72·1	71·2	70 3	69·4	69·0	68·9	70·5	72·5	73·9	75·2	75·2	75·9	75·5	75·4	75·7	72·4
13	75·9	76·2	75·2	75·2	75·2	75·1	75·0	75·2	75·2	75·3	75·4	75·3	75·1	74·2	74·7	76·2	77·4	77·3	77·2	77·2	77·7	77·4	77·2	77·7	76·0
14	78·5	78·4	78·0	78·2	77·7	76·7	76·4	76·2	76·2	75·8	75·5	75·0	74·4	73·3	73·4	74·9	74·3	65·7	66·2	66·5	69·9	69·2	70·4	70·0	73·8
15	69·9	71·7	74·2	74·2	74·2	74·1	74·2	73·4	73·2	72·9	72·7	71·4	70·1	70·0	70·0	72·2	74·0	74·8	75·4	75·9	76·4	75·4	75·2	75·7	73·4
16	75·3	74·2	73·2	73·2	72·4	72·4	72·2	72·0	71·5	71·3	71·1	70·8	70·5	70·4	71·0	72·2	71·8	72·7	73·0	71·6	72·2	72·5	71·7	71·4	72·1
17	70·6	70·0	69·1	68·9	68·2	68·6	68·2	68·7	69·2	69·2	69·2	68·8	68·4	68·5	68·0	68·5	69·3	69·9	71·0	72·7	72·4	72·0	71·7	71·2	69·7
18	70·9	70·7	70·7	70·4	69·3	69·2	68·7	68·2	68·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	69·6	69·2	68·8	68·4	67·2	67·2	68·5	70·8	72·0	71·9	72·9	72·7	73·0	74·2	73·2	70·2
20	72·7	71·2	69·9	69·3	69·2	69·8	70·0	70·2	70·1	70·1	70·2	69·6	69·0	68·2	67·7	69·1	70·4	71·3	72·0	71·8	72·4	72·7	73·2	73·3	70·6
21	73·4	73·0	71·9	70·3	69·9	69·8	70·0	70·2	70·2	69·3	68·5	68·3	68·1	68·2	68·3	70·2	71·2	72·3	71·6	72·2	72·9	73·2	72·6	72·7	70·8
22	72·7	72·2	71·6	71·5	71·7	71·8	71·4	71·2	69·9	69·5	69·2	69·3	69·3	69·0	69·2	70·7	72·4	72·3	72·6	73·2	72·7	72·9	73 6	73·7	71·4
23	73·2	72·9	72·4	72·2	72·3	72·2	72·0	71·2	70·9	71·0	71·2	70·6	70·0	69·4	69·7	71·4	73·3	73·7	74·4	75·1	75·5	75·5	75·6	75·7	72·6
24	75·0	75·4	74·2	73·9	73·2	72·8	72·4	72·2	71·0	70·1	69·2	68·9	68·5	68·6	68·5	71·1	73·3	74·2	74·2	74·3	75·1	75·0	75·7	75·5	72·6
25	74·2	73·6	73·2	72·5	72·1	71·9	71·2	70·2	69·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	69·3	69·4	69·5	69·6	68·7	68·2	70·1	72·4	73 9	73·3	75·7	75·7	75·2	74·8	74·3	72·0
27	74·9	75·6	75·9	75·7	74·4	73·4	73·2	72·2	71·0	70·7	70·4	69·8	69·2	68·6	70·8	72·8	75·2	75·0	74·2	71·7	78·4	74·7	72·8	73·2	73·1
28	74·1	76·2	76·6	76·8	76·4	75·9	74·2	73·1	73·2	72·7	72·3	71·4	70·4	70·3	70·2	71·2	72·9	74·1	74·2	73·0	76·2	77·7	77·2	77·2	74·1
Means.	74·0	73·8	73·3	7 31	72·7	72·5	72·2	71·8	71·4	71·0	70·6	70·2	69·7	69·3	69·3	71·3	72·9	73·2	73·3	73·6	74·4	74·4	74·4	74·3	72·4

N. B. (1) Added from the Register Number or corrected to Madras Standard Thermometer (Old).

N. B. (2) Added from the Registered Number or corrected to Madras Standard Thermometer (Old).

* The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means.

WET THERMOMETER (STANDARD No. 6.)

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
MARCH 1854.	o	o	o	o	o	o	o	o	o	o *	o	o *	o	o	o	o	o	o	o	o	o	o	o	o	o
1	77·6	77·3	76·7	76·6	76·4	75·7	74·2	72·8	71·2	70·6	70·0	69·7	69·4	68·5	68·6	72·2	74·2	74·4	72·2	71·6	73·5	73·9	72·7	73·1	73·0
2	73·9	74·5	76·3	75·9	75·3	74·9	74·3	73·7	73·0	72·3	71·6	70·9	70·2	70·0	70·2	72·0	74·2	76·0	76·2	74·4	76·2	74·9	71·4	71·3	73·5
3	72·8	73·2	73·4	73·2	73·2	73·3	72·8	72·1	71·7	70·9	70·2	69·2	68·2	67·2	67·5	71·4	74·2	75·2	76·1	76·2	75·7	75·2	76·6	75·4	72·7
4	76·2	75·4	74·5	74·3	74·5	74·7	74·8	74·2	74·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	76·8	76·2	75·6	75·0	74·2	74·4	77·0	77·3	76·6	77·9	77·7	77·1	77·4	76·7	75·4	75·7
6	76·7	75·6	75·5	75·3	74·6	74·6	74·5	74·2	74·4	73·3	72·2	71·6	71·0	70·2	70·6	74·2	75·3	75·6	76·1	76·4	76·2	77·0	77·4	76·7	74·5
7	76·5	77·0	76·4	76·7	76·7	76·3	76·8	76·4	76·0	75·1	74·2	74·2	74·2	73·7	74·3	76·9	77·7	78·0	78·2	79·7	80·0	80·2	79·6	80·0	76·9
8	79·6	79·8	79·4	79·3	79·4	79·2	79·1	78·6	78·2	77·2	76·2	75·6	75·0	75·4	75·7	77·0	78·2	79·0	79·4	78·9	79·2	79·8	80·0	80·2	78·3
9	79·8	79·4	78·7	78·5	78·7	78·5	77·7	77·4	77·2	78·7	76·2	75·6	75·4	75·0	75·6	77·9	79·0	79·2	80·2	80·0	79·7	79·5	79·9	79·2	78·1
10	78·8	78·3	78·0	77·4	77·3	77·3	77·1	76·8	76·2	75·7	75·2	74·8	74·0	73·2	74·2	76·4	76·1	75·0	75·4	76·0	76·5	77·2	77·4	76·8	78·3
11	76·2	75·8	75·0	74·4	74·4	74·6	74·7	74·3	74·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	71·3	71·2	71·1	71·0	71·2	71·7	73·8	76·7	76·0	76·3	78·0	78·2	78·2*	78·4	77·9	74·7
13	77·2	76·6	76·4	76·2	75·7	75·0	74·2	73·4	75·2	73·7	72·2	71·8	71·4	70·5	70·8	74·2	76·6	76·7	77·0	77·7	78·4	78·8	77·7	78·2	75·2
14	77·1	77·2	76·2	76·3	76·2	76·4	74·7	74·0	73·2	72·9	72·7	72·0	71·2	71·2	71·7	72·9	75·4	75·7	77·0	77·2	77·4	77·2	77·3	77·0	75·0
15	76·5	76·2	75·9	76·7	75·7	75·2	74·3	73·2	72·2	71·6	71·0	70·3	69·6	68·7	68·7	72·2	74·2	73·8	73·7	74·9	75·8	76·2	76·4	75·6	73·7
16	75·4	75·2	75·4	76·3	75·0	75·2	74·4	73·8	72·7	72·4	72·2	71·7	71·2	71·0	70·9	73·1	75·2	75·5	75·6	76·4	76·6	72·4	72·6	74·3	73·9
17	74·4	74·9	74·9	74·4	74·1	73·2	72·8	71·5	71·0	70·9	70·8	69·5	68·2	67·2	67·9	70·2	75·0	75·2	75·2	75·3	75·0	76·7	75·2	74·9	72·6
18	75·2	74·4	74·2	74·1	74·0	74·0	73·7	73·6	73·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	70·0	70·2	70·4	70·5	70·1	70·9	73·2	73·2	73·9	72·9	73·2	74·2	74·0	74·1	74·2	73·0
20	73·6	73·4	72·3	72·2	71·9	69·6	69·2	68·7	68·3	67·7	67·2	67·1	66·9	66·2	67·7	70·2	74·7	76·4	77·2	77·2	77·4	77·9	77·7	78·0	72·0
21	77·6	77·4	77·2	77·2	77·3	77·7	77·5	77·2	77·4	77·3	77·2	78·5	75·7	75·2	75·2	77·2	78·4	78·2	79·2	79·9	79·7	78·8	78·6	78·2	77·6
22	78·5	77·7	77·3	77·7	78·2	76·9	76·7	76·6	76·2	75·7	75·2	74·2	73·2	73·5	73·6	76·2	77·9	78·2	78·5	79·0	79·2	78·7	79·2	78·7	76·9
23	78·7	78·5	78·2	77·6	77·8	76·0	77·8	77·2	76·9	76·3	75·7	75·2	74·7	74·2	75·0	76·2	76·4	79·2	80·2	80·2	80·4	80·1	80·5	79·2	77·6
24	78·9	78·4	78·2	77·9	77·6	77·8	77·4	77·2	76·9	76·2	75·6	75·2	74·8	74·4	74·7	76·6	79·2	78·4	79·2	79·1	79·2	79·2	79·0	79·6	77·5
25	79·9	79·5	78·7	78·2	78·3	78·3	77·6	76·6	76·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	74·3	74·2	74·1	74·0	74·9	75·4	77·2	78·2	77·6	79·0	78·4	79·5	79·3	78·6	79·0	77·4
27	78·6	78·2	77·4	77·4	77·2	76·1	75·4	74·0	74·2	73·7	73·2	73·2	73·2	72·4	73·5	76·7	78·0	78·4	79·2	79·4	79·9	80·1	79·5	80·1	76·6
28	79·6	78·6	78·2	78·4	78·2	77·9	78·2	77·8	77·7	77·3	76·9	76·2	75·5	75·2	75·8	78·2	79·0	79·2	79·4	79·9	79·6	80·0	79·7	80·0	78·2
29	79·7	78·9	78·2	78·2	78·2	77·7	78·1	77·4	77·8	77·7	77·7	76·8	75·9	75·2	76·6	78·2	79·2	79·2	78·7	79·2	79·4	79·5	79·9	80·2	78·2
30	80·3	80·0	79·8	79·7	79·0	78·2	80·0	79·2	74·2	75·2	76·3	74·9	73·5	73·2	73·4	74·5	76·2	75·4	75·2	76·8	78·0	78·2	78·8	79·2	77·1
31	79·6	79·1	78·6	78·3	77·9	77·7	78·0	78·0	77·6	77·0	76·5	76·2	76·8	75·4	76·5	75·7	79·9	79·2	80·1	80·2	80·0	80·4	80·5	80·2	78·4
Means.	77·4	77·1	76·7	76·5	76·4	76·1	75·8	76·2	74·7	74·1	73·6	73·1	72·5	72·1	72·6	75·0	76·7	76·9	77·2	77·6	77·6	77·8	77.6	77·5	75·7
APRIL 1854.										*		*													
1	79·7	78·9	76·5	78·6	78·5	77·4	78·3	78·0	77·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	78·1	77·9	77·7	77·5	77·7	76·2	79·0	79·2	79·5	79·4	80·2	80·2	81·0	81·3	80·2	76·8
3	79·9	79·1	77·6	77·5	77·5	77·6	77·3	77·3	77·2	76·8	76·5	76·1	75·7	74·9	75·8	77·7	78·2	79·2	79·0	80·7	80·2	80·0	79·4	79·4	77·9
4	79·0	78·9	78·2	78·2	77·6	77·2	77·2	78·9	77·2	78·6	76·0	75·9	75·7	75·4	77·0	78·1	78·7	78·2	79·6	79·9	80·6	80·2	80·2	79·6	78·0
5	79·2	77·8	77·7	78·2	78·2	78·0	78·2	78·2	78·2	77·8	77·4	77·0	76·5	75·8	76·9	78·5	79·2	80·2	81·3	81·9	82·4	82·5	82·2	82·0	79·0
6	81·8	81·4	80·7	80·4	80·5	80·5	79·2	79·4	79·7	79·4	79·2	78·6	78·3	77·6	76·2	79·6	80·4	80·7	81·4	82·2	82·6	82·7	82·2	82·5	80·4
7	82·4	82·2	81·4	81·6	81·4	81·3	80·8	80·5	80·7	79·9	79·2	78·8	78·3	77·0	77·2	78·8	78·2	82·2	83·2	83·6	83·2	83·2	83·4	82·8	80·9
8	82·4	82·2	81·9	81·7	81·6	80·3	79·9	80·2	80·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	76·9	78·7	78·6	78·2	76·2	79·6	81·0	82·0	82·2	81·2	82·4	82·2	81·2	81·7	81·9	80·6
10	83·0	82·7	82·6	82·6	81·7	81·6	61·6	81·3	81·1	80·6	80·2	80·4	80·6	80·2	80·2	80·7	79·9	79·7	81·2	81·6	81·7	61·8	82·0	82·9	81·3
11	83·2	83·0	82·2	81·9	82·2	81·9	61·9	81·7	61·4	81·5	61·6	61·5	81·4	81·7	82·2	82·2	81·2	83·3	83·5	82·7	82·1	82·2	81·2	81·4	82·0
12	81·4	81·4	80·4	80·9	81·2	80·6	80·5	61·3	61·2	81·1	81·0	80·5	80·0	80·4	81·3	81·7	61·5	82·7	82·4	82·9	82·2	82·2	82·6	82·8	81·4
13	82·2	82·2	81·7	81·4	80·4	80·5	80·6	80·6	81·1	80·6	80·5	80·3	80·1	80·2	80·7	81·4	81·6	81·2	81·9	82·0	82·2	82·6	82·8	82·4	81·3
14	82·3	81·7	81·0	80·4	80·3	80·3	80·4	80·6	80·4	80·3	80·2	79·9	79·6	79·9	80·7	81·1	81·4	81·2	81·9	82·2	61·6	81·2	81·8	83·0	81·0
15	82·5	81·7	81·2	81·1	81·2	81·1	80·8	61·2	81·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	80·5	80·4	80·3	80·2	80·2	81·0	82·3	82·3	82·6	83·0	82·8	83·1	63·0	83·2	83·2	81·7
17	83·7	82·9	61·6	80·1	80·0	79·8	79·9	79·9	80·2	80·1	80·0	80·1	80·2	80·6	81·2	81·3	81·4	81·9	80·3	80·2	82·5	82·9	82·5	82·8	81·1
18	82·5	82·0	82·2	61·6	82·0	82·0	81·8	61·3	80·7	80·5	80·4	80·8	81·2	81·2	81·8	81·4	81·9	81·0	81·2	82·2	83·0	83·8	83·9	83·2	81·8
19	83·5	83·2	82·9	61·7	81·5	81·5	81·2	81·2	80·9	80·5	80·2	80·0	79·7	79·9	80·4	80·5	80·7	79·4	81·7	81·6	82·1	81·9	82·2	81·5	81·2
20	82·2	81·4	81·2	81·3	80·9	81·1	80·9	80·2	80·0	79·9	79·8	79·1	78·4	78·2	78·7	79·6	80·2	79·7	80·0	81·0	82·9	83·2	83·2	83·9	80·7
21	83·6	83·2	82·5	82·2	82·3	82·4	82·1	82·2	82·4	82·2	82·0	81·6	81·2	80·9	81·1	79·4	77·2	78·5	79·1	79·2	77·7	78·6	79·2	80·0	80·9
22	81·1	82·1	81·2	82·2	83·2	82·3	82·3	81·6	80·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	61·2	80·2	79·2	78·2	78·0	78·1	79·0	79·4	79·0	80·0	80·4	79·2	79·7	81·2	82·0	80·5
24	82·0	81·9	82·6	82·2	82·2	81·3	61·3	80·6	80·2	79·9	79·7	79·5	79·2	79·2	79·9	80·3	79·2	79·6	80·0	82·2	82·6	82·2	81·8	82·2	80·9
25	82·9	83·2	82·3	82·2	81·8	80·2	80·0	79·8	80·2	80·1	80·0	79·6	79·2	79·4	80·5	81·4	81·8	82·0	81·9	83·2	82·8	82·7	82·7	82·6	81·3
26	83·2	83·2	81·2	80·7	79·3	77·9	78·0	78·2	78·0	78·3	78·6	78·3	78·0	79·2	80·5	80·9	79·2	78·4	80·2	81·7	82·2	82·2	81·8	80·7	80·0
27	80·4	79·7	79·2	79·2	79·0	77·8	77·2	76·9	78·2	78·2	78·2	78·0	77·7	78·0	78·8	79·9	79·6	80·6	81·2	81·2	81·6	82·2	82·1	82·0	79·5
28	81·7	81·2	80·2	79·2	79·2	79·4	79·0	78·4	77·4	76·5	75·7	75·2	74·7	75·4	76·7	76·5	78·7	76·9	79·7	81·7	82·1	82·0	81·6	81·4	78·9
29	82·2	62·2	81·6	81·6	81·2	80·8	80·6	80·3	79·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	76·7	77·4	76·1	78·8	78·5	79·1	79·4	78·6	79·9	80·3	79·2	80·0	80·0	80·3	80·3	79·9
Means.	81·9	61·6	80·9	80·7	80·6	80·2	80·0	79·9	79·8	79·5	79·2	79·0	78·7	78·7	79·4	80·1	80·1	80·5	61·0	61·6	61·7	61·6	61·9	81·9	80·4

N. B. 0·3 Added from the Registered Number or corrected to Madras Standard Thermometer (Old).

* The numbers in these Columns are not observed ; but interpolated for the sake of obtaining the daily Means.

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WET THERMOMETER (STANDARD No. 8.)

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
MAY 1854.																									
1	80·3	80·3	80·5	80·3	80·2	80·2	79·9	79·5	79·4	78·5	78·2	77·7	78·0	79·4	80·0	80·8	80·2	80·7	80·7	79·7	80·1	80·2	80·4	80·8	79·6
2	80·6	80·4	79·4	79·9	79·7	79·1	79·2	79·3	79·2	78·3	78·2	77·6	77·2	77·9	78·2	78·2	77·5	78·7	78·7	78·2	78·2	78·2	78·5	78·5	78·7
3	78·2	77·1	77·0	76·4	77·0	76·9	77·2	77·0	76·2	75·6	75·2	75·5	74·7	74·2	75·8	77·2	78·2	77·7	78·9	78·7	78·9	78·7	79·2	79·3	77·1
4	79·1	79·1	79·0	79·3	79·3	79·4	79·5	79·3	79.2	79·6	78·6	78·2	78·2	77·9	79·2	81·0	80·8	80·4	80·6	80·2	81·2	82·1	82·3	82·2	79·8
5	81·3	80·3	80·4	80·4	80·0	80·2	80·4	80·2	80.2	79·2	79·2	78·9	78·7	78·2	79·4	80·7	79·7	80·2	81·4	81·2	81·2	82·3	81·9	81·0	80·3
6	81·6	80·9	81·0	80·8	80·5	80·7	80·4	80·3	80.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	80·4	80·2	80·0	79·7	80·0	80·9	81·2	81·4	80·8	81·1	81·5	80·7	80·9	81·3	81·7	80·8
8	81·2	80·2	80·0	80·1	80·1	80·2	80·1	80·1	80·2	79·7	79·2	79·3	79·3	78·7	79·2	79·5	79·7	81·0	82·0	82·2	81·4	81·9	82·0	82·0	80·4
9	81·0	81·4	81·4	81·1	81·2	81·5	81·7	81·6	81·2	81·2	81·2	80·7	80·2	79·4	79·7	80·0	80·3	81·0	82·1	82·9	82·7	82·2	81·2	81·9	81·2
10	82·1	82·2	82·3	82·3	82·2	82·2	82·1	81·7	81·1	80·9	80·7	80·4	80·0	79·2	80·2	80·5	80·2	81·0	80·4	80·4	80·2	80·2	80·6	81·2	81·0
11	81·0	81·2	81·1	80·6	80·6	80·7	80·7	80·8	80·2	79·7	79·2	78·9	78·5	78·2	80·2	81·4	81·0	81·2	81·3	81·9	81·2	80·4	80·4	81·3	80·5
12	82·2	81·5	79·4	79·9	79·7	81·2	79·2	78·9	79·0	78·6	78·2	77·9	77·5	78·6	78·2	80·0	79·4	80·0	80·9	81·2	81·7	82·0	82·2	81·8	79·9
13	82·0	81·7	80·2	79·6	79·1	78·9	78·9	78·2	78·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	79·6	79·2	78·8	78·4	78·0	80·2	80·7	81·0	80·4	81·2	81·2	82·0	81·9	81·8	81·8	80·1
15	82·2	81·6	80·8	80·4	80·4	80·4	80·2	80·2	80·2	79·7	79·2	79·0	78·7	79·1	80·5	80·6	80·2	80·4	80·7	82·0	82·3	81·6	82·4	83·1	80·7
16	82·7	82·4	81·5	81·1	80·6	80·5	80·2	80·2	80·2	80·1	80·0	79·6	79·2	78·4	80·2	80·3	80·2	79·5	80·8	81·7	81·1	81·5	82·2	82·8	80·7
17	83·1	82·3	81·1	80·2	79·9	79·8	79·2	79·2	78·2	78·2	78·2	77·8	77·4	76·3	79·2	80·0	80·1	81·4	80·2	81·4	82·7	82·4	82·9	82·4	80·1
18	82·9	82·2	81·1	80·1	80·1	80·1	80·2	80·2	79·0	78·6	78·2	78·3	78·4	77·7	80·0	80·4	81·0	80·0	81·1	80·6	79·9	79·5	79·7	79·5	80·0
19	79·9	80·8	80·2	79·6	79·4	79·2	79·3	79·3	80·0	80·1	80·2	79·9	79·5	79·4	80·9	80·2	80·4	80·0	80·2	82·1	82·7	82·2	83·0	82·5	80·4
20	83·1	83·2	82·8	82·5	82·2	82·1	81·8	81·3	81·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	78·6	78·5	78·4	78·3	78·0	80·2	81·4	80·6	80·2	82·0	83·1	83·3	82·7	81·2	81·4	81·2
22	79·9	79·2	79·5	80·1	80·1	80·5	80·6	80·2	80·2	80·2	80·2	79·9	79·5	79·2	80·4	81·8	80·1	80·4	79·0	83·7	84·2	83·9	84·2	84·4	80·9
23	84·0	84·0	83·2	83·2	83·4	83·2	83·2	83·0	82·7	82·9	83·2	83·0	82·7	82·2	81·2	79·4	79·7	79·7	80·4	80·5	82·7	83·0	83·5	83·0	82·4
24	82·2	82·3	82·2	82·0	81·2	79·2	77·7	77·1	75·7	74·8	74·0	74·1	74·2	74·8	76·0	76·2	76·8	78·5	78·6	78·7	80·2	81·0	81·0	80·1	78·3
25	79·2	80·9	83·2	83·4	83·7	83·5	83·4	80·8	80·2	79·6	79·0	78·6	78·2	77·2	76·1	76·2	76·7	78·3	78·8	80·6	81·2	80·8	83·7	82·7	80·3
26	82·2	82·5	82·4	77·7	77·0	76·3	75·8	75·8	76·2	76·3	76·4	75·1	73·7	73·7	78·2	75·5	75·7	76·6	78·1	78·9	77·7	79·0	79·5	80·4	77·4
27	84·7	84·0	82·4	81·7	81·0	80·7	80·4	80·2	80·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	77·5	77·4	77·3	77·1	77·2	77·5	77·7	78·9	79·4	80·1	80·4	81·2	79·8	80·2	82·5	80·0
29	82·2	82·8	82·3	81·6	81·6	81·4	81·2	80·8	81·0	80·1	79·2	78·9	78·5	77·2	77·3	78·0	78·7	79·4	80·6	82·2	81·3	84.5	83·3	82·9	80·7
30	82·9	82·7	82·2	81·3	80·8	81·0	80·3	80·3	80·3	80·0	79·7	78·8	77·8	77·4	78·1	78·2	79·0	79·2	79·9	80·4	82·0	81·8	83·2	82·5	80·4
31	83·0	83·6	83·4	82·8	82·4	81·4	81·0	80·8	81·2	80·9	80·7	80·3	79·9	79·8	79·2	80·0	81·1	81·5	82·0	82·6	81·7	82·4	83·4	83·1	81·6
Means.	81·7	81·5	81·1	80·7	80·5	80·4	80·1	79·9	79·7	79·2	78·9	78·6	78·3	77·9	79·0	79·5	79·8	79·9	80·4	81·0	81·2	81·4	81·7	81·8	80·2
JUNE 1854.																									
1	82·7	82·6	81·7	81·2	81·2	81·1	77·0	76·2	75·2	75·2	75·2	74·5	73·7	73·2	75·8	77·2	78·3	78·2	77·6	80·6	81·1	82·5	83·6	80·5	78·5
2	80·5	79·7	80·4	80·6	80·2	80·4	81·4	81·0	80·6	80·3	80·0	79·5	79·0	78·0	77·9	79·0	79·8	79·2	79·9	80·7	80·8	83·1	82·4	81·7	80·2
3	81·9	81·6	80·5	81·3	81·6	81·0	82·1	81·2	81·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	79·2	77·2	77·3	77·4	77·3	77·4	78·9	79·5	79·8	80.5	82·6	84·4	82·8	83·6	81·5	80.5
5	80·2	79·7	79·3	82·4	82·2	78·4	78·1	78·0	78·4	78·0	77·6	77·9	78·2	77·4	76·0	77·3	78·7	79·1	79·2	80·2	81·4	82·2	78·7	82·9	79·3
6	79·2	79·7	81·9	79·2	77·3	77·0	77·7	78·1	79·9	80·0	80·2	79·4	78·6	76·5	76·9	78·5	78·0	78·5	78·2	79·8	79·6	78·8	79·4	80·7	78·9
7	81·5	81·8	81·6	81·2	81·2	80·8	79·2	79·7	79·7	79·3	78·9	77·1	75·2	74·7	75·5	76·4	77·9	78·2	78·2	78·4	79·0	79·1	79·9	80·8	79·0
8	81·9	80·6	81·4	81·6	81·1	80·3	80·1	79·2	74·2	74·7	75·2	75·6	76·4	77·0	77·4	78·8	76·4	76·6	77·4	78·3	79·2	80·5	81·5	80·7	78·5
9	78·2	78·8	77·0	77·4	79·0	79·0	78·3	78·9	79·2	79·2	79·2	79·3	79·4	77·8	78·2	79·4	80·9	81·1	81·2	80·0	79·6	80·4	81·0	80·8	79·3
10	81·3	79·9	79·4	77·9	80·2	79·9	78·1	78·2	70·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	75·7	75·2	75·1	75·0	78·2	77·1	77·2	77·4	78·0	78·6	78·2	77·7	77·4	78·7	78·2	77·7
12	80·2	79·2	80·1	79·2	79·8	78·7	78·2	79·9	78·9	79·0	79·2	79·0	78·7	78·6	78·7	78·2	78·5	78·4	77·6	78·0	78·2	78·2	79·1	78·0	78·7
13	78·7	78·5	81·5	82·3	81·4	76·5	78·9	79·6	76·9	78·1	75·4	75·3	75·2	75·5	76·2	77·4	78·7	78·0	76·7	78·5	78·2	78·6	77·2	77·2	77·8
14	80·2	81·2	81·0	82·2	81·4	80·7	80·4	81·2	80·2	78·1	76·1	75·3	74·4	73·5	74·4	75·8	76·1	77·3	77·2	77·8	78·2	77·6	77·1	81·2	78·3
15	80·2	80·3	80·6	80·1	80·5	80·0	80·4	80·0	76·7	75·9	75·2	74·3	73·4	73·7	74·2	76·0	76·1	77·3	77·6	77·5	77·2	79·3	80·2	81·2	77·8
16	80·0	80·9	80·2	80·2	80·5	80·0	80·2	80·7	80·7	80·5	80·4	79·3	78·2	78·2	77·2	78·2	80·6	79·7	79·2	79·9	80·1	79·7	81·2	81·4	79·5
17	81·2	82·5	82·0	80·3	81·7	79·4	80·0	79·3	79·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	78·9	78·4	78·3	78·2	76·8	70·8	79·2	79·0	78·4	78·7	79·8	80·0	80·7	80·4	80·2	79·6
19	81·2	80·6	80·5	80·6	80·6	80·2	80·6	79·4	79·5	79·2	78·9	78·8	78·2	76·4	76·0	76·3	77·4	77·7	77·7	77·8	78·4	79·0	80·1	79·5	78·9
20	80·7	81·3	81·4	81·5	80·7	80·9	80·4	80·4	79·7	79·4	79·2	78·4	77·6	76·8	76·2	76·2	77·2	77·2	76·4	77·2	77·8	79·0	79·3	80·2	79·0
21	81·8	81·9	81·1	80·7	80·6	80·5	80·9	80·1	80·4	79·8	79·2	78·1	77·4	77·0	77·2	77·3	75·5	76·3	78·8	80·5	79·2	79·7	80·2	81·2	79·3
22	81·4	80·7	81·2	81·7	81·4	79·2	79·0	78·2	79·2	79·8	80·0	79·3	78·6	77·9	79·2	79·0	79·4	79·2	78·8	79·4	80·1	79·5	79·8	80·9	79·7
23	81·7	81·4	81·0	82·2	81·5	80·9	80·2	80·8	80·1	79·6	79·2	79·2	79·2	78·2	75·2	[illegible]	76·2	78·7	79·4	78·2	78·8	79·7	79·2	80·2	79·5
24	80·4	80·2	79·8	79·5	79·7	80·2	80·0	79·9	79·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	77·3	75·4	78·1	76·7	76·7	78·0	79·2	80·9	81·2	81·0	81·2	80·8	80·2	81·7	81·1	79·4
26	80·3	80·6	79·4	80·0	79·4	79·8	79·9	79·1	78·2	77·7	77·2	77·0	76·8	77·2	78·2	79·4	78·8	77·2	78·2	79·2	78·6	79·2	80·9	[illegible]	78·9
27	81·2	81·4	81·0	80·2	78·5	77·2	78·2	78·0	78·4	78·3	78·2	78·2	78·2	78·2	79·4	79·9	80·0	79·4	79·2	79·4	80·5	80·2	81·8	[illegible]	79·4
28	82·1	82·5	82·0	78·6	80·0	79·2	79·7	78·2	78·2	77·7	77·2	77·2	77·2	77·4	79·5	81·2	81·2	79·2	79·5	79·2	78·4	80·8	80·7	81·0	79·5
29	81·8	81·3	80·4	81·0	80·3	80·8	80·9	80·2	77·7	78·0	78·3	78·1	77·9	77·4	77·9	77·4	79·2	80·2	80·4	79·2	80·0	80·8	81·0	[illegible]	79·6
30	80·6	80·4	80·0	80·7	80·4	80·6	79·7	79·2	75·2	77·7	77·2	76·8	76·4	77·0	77·4	78·2	79·3	78·6	78·2	80·0	80·9	81·0	81·4	[illegible]	79·3
Means.	80·8	80·7	80·6	80·5	80·5	79·7	79·6	79·3	78·7	78·2	77·8	77·5	77·1	76·6	77·1	77·9	78·4	78·5	78·6	79·3	79·5	80·0	80·4	80·7	79·1

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily Means.

WET THERMOMETER (STANDARD No. 8.)

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	°	°	°	°	°	°	°	°	°	° *	°	° *	°	°	°	°	°	°	°	°	°	°	°	°	°
JULY 1854. 1	81·7	81·2	80·8	80·3	79·9	80·2	80·3	80·6	78.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	81·8	81·0	80·2	79·4	76·2	76·4	76·8	77·4	76·2	76·2	75·3	77·0	77·2	78·2	77·5	78·8
3	78·2	79·7	79·1	78·0	79·4	79·2	78·4	80·2	77·7	77·9	78·2	78·0	77·8	76·2	76·1	77·2	77·2	76·8	77·9	77·2	78·2	78·2	78·8	79·7	78.2
4	79·1	78·2	78·7	78·6	78·8	80·4	80·8	80·0	80·8	79·5	78·2	77·5	76·7	76·4	77·2	78·0	78·2	78·4	79·2	80·2	80·9	80·1	80·4	80·4	79·0
5	79·2	79·0	81·1	81·3	80·1	80·2	79·7	77·4	75·2	74·8	74·4	74·3	71·2	74·7	74·2	75·2	76·7	78·4	78·7	79·2	80·6	80·4	80·1	83·2	78·0
6	83·7	82·7	83·2	82·1	81·7	81·2	81·2	79·2	80·4	79·2	78·0	76·9	75·7	75·5	76·1	78·2	79·1	79·2	79.2	79·5	80·4	81·2	83·0	83·7	80·0
7	83·1	82·9	82·0	82·2	81·4	82·0	81·9	78·6	80·0	79·6	79·2	79·2	79·2	79·7	81·4	82·9	81·7	81·0	81·7	82·2	82·2	83·7	84·7	85·1	81·6
8	85·7	85·0	83·2	82·7	82·5	81·7	81·5	80·8	80·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	81·4	80·7	80·0	79·2	77·8	77·0	77·9	79·1	78·2	78·5	78·9	80·0	80·8	81·2	83·0	80·7
10	82·1	81·2	80·7	80·8	80·4	80·2	80·2	80·0	79·2	78·1	77·0	76·7	76·1	76·2	77·2	78·2	79·7	81·0	82·0	81·7	81·2	83·2	83·0	81·6	79·9
11	81·7	81·2	81·2	80·5	80·2	78·2	78·2	78·0	78·0	77·6	77·2	77·2	77·2	77·7	78·2	78·9	80·2	80·9	80·2	81·2	81·0	81·4	81·2	81·7	79·6
12	80·2	79·7	78·2	78·0	78·0	77·7	77·2	76·4	75·7	75·5	75·4	75·3	75·2	75·7	76·2	77·0	77·2	78·9	81·0	80·1	80·9	80·7	80·7	80·9	78·0
13	79·2	78·2	77·2	77·2	78·0	78·2	78·4	76·9	75·8	76·0	76·2	76·4	76·5	76·2	77·2	76·6	77·7	77·7	79·0	79·2	80.7	80·9	81·2	82·7	78·1
14	80·1	79·2	78·7	77·7	79·0	79·2	78·7	77·4	77·2	76·9	76·6	76·5	76·4	77·0	76·3	76·5	77·2	77·2	77·2	76·5	76·5	77·7	77·3	76·9	77·5
15	77·2	77·2	76·7	76·5	76·2	74·3	75·0	75·0	75·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	74·9	75·2	75·5	75·7	75·7	75·4	76·2	77·2	77·7	78·2	78·5	79·7	79·2	80·2	80·0	76·8
17	80·2	78·8	78·2	77·2	77·4	75·2	75·4	75·2	75·4	75·3	75·2	75·2	75·2	75·7	76·0	76·4	77·2	78·4	79·2	78·7	80·2	80·5	79·0	79·6	77·3
18	80·4	80·0	78·8	78·4	79·1	76·2	77·6	76·7	76·2	76·7	77·2	77·2	77·2	77·6	76·2	76·9	78·0	79·8	80·4	81·2	80·2	81·0	81·7	82·6	78·6
19	82·4	81·2	79·6	79·4	80·6	81·1	80·0	78·2	79·2	78·3	77·4	77·8	78·2	77·2	78·2	78·2	78·6	78·8	80·8	82·6	81·9	81·7	81·7	81·2	79·8
20	80·0	81·7	82·2	82·6	82·0	81·8	81·0	81·2	79·2	78·9	78·7	78·5	78·2	78·2	77·2	79·2	81·0	81·2	81·4	81·2	81·3	83·0	83·8	85·0	80·8
21	85·2	84·5	80.5	80·0	79·4	79·7	79·9	79·2	78·4	77·8	77·2	77·7	78·2	76·4	78·0	78·2	79·9	81·0	81·2	79·2	80·9	82·2	81·4	82·1	79·9
22	81.2	80·7	84·1	82·4	82·6	82·2	82·2	81·9	81·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	80·5	79·9	79·3	78·7	78·2	78·8	80·2	81·7	82·0	81·2	81·7	80·9	81·2	84·5	81·6	81·2
24	81·5	81·1	80·6	81·0	79·8	80·9	79·7	79·2	80·7	80·2	79·7	79·5	79·2	79·2	77·2	77·4	79·2	79·2	80·2	78·7	78·7	80·0	79·6	80·3	79·7
25	81·0	81·5	80·1	81·2	81·4	81·2	80·0	79·2	79·2	78·7	78·2	77·9	77·6	76·4	78·2	78·0	78·2	79·6	81·2	81·6	81·7	81·0	80·1	81.2	79·8
26	79·7	79·4	79·0	78·1	77·6	77·0	77·3	78·7	78·7	78·4	78·2	77·7	77·2	77·2	77·4	77·2	80·2	80·7	80·8	80·7	81·2	79·5	81·7	83.5	79·0
27	81·4	82·2	81·8	79·9	79·7	79·3	79·0	79·0	78·7	78·4	78·2	77·7	77·1	77·0	76·2	77·8	79·2	80·4	80·2	82·0	80·9	82·3	81·7	83·5	79·7
28	83·0	81·7	81·3	80·9	80·3	79·8	80·4	80·2	80·2	80·2	80·2	79·8	79·4	77·2	77·2	77·0	77·2	78·2	80·2	80·2	80·2	82·2	83·2	82·7	80·1
29	81·9	81·2	82·2	82·2	82·0	81·2	80·9	80·2	79·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	79·3	79·2	79·1	79·0	77·0	78·2	79·2	79·2	79·3	79·7	81·2	81·7	82·2	81·5	82·7	80·4
31	81·9	82·2	82·2	80·9	76·2	77·2	77·4	77·2	78·2	78·0	77·8	77·5	77·2	77·2	77·4	78·5	78·2	78·7	79·7	79·5	80·7	82·2	82·1	81·4	79·1
Means.	81·2	80·8	80·4	80·0	79·8	79·5	79·3	78·7	78·5	78·2	77·9	77·6	77·4	76·9	77·1	77·9	78·7	79·2	79·8	79·9	80·4	81·0	81·2	81·7	79·3
										*		*													
AUGUST 1854. 1	80·7	81·3	81·2	80·8	81·2	80·8	78·6	78·4	78·2	78·2	78·2	78·1	78·0	76·2	78·0	79·2	78·5	79·0	78·9	81·2	82·0	80·9	81·4	82·2	79·6
2	81·1	80·2	79·6	79·5	79·6	79·2	79·2	78·3	78·2	78·5	78·8	78·2	77·5	77·2	77·6	78·8	80·0	79·2	81·0	82·9	81·7	82·5	83·3	83·0	79·8
3	81·9	83·7	82·0	81·2	78·5	78·2	78·2	79·0	79·2	78·8	78·1	78·3	78·2	78·0	76·7	78·2	79·9	81·4	80·2	82·0	81·2	83·9	84·3	85·0	80·4
4	82·7	81·9	81·8	81·4	80·6	79·2	79·2	79·2	79·2	79·6	80·0	79·3	78·5	78·7	79·5	79·8	79·5	80·3	80·7	82·0	81·4	83·7	83·9	83·1	80·6
5	82·9	82·9	82·3	82·2	81·3	82·2	82·0	81·2	81·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	77·7	78·1	78·5	78·8	78·0	76·2	78·2	79·5	81·5	81·2	80·7	81·0	80·5	82·9	83·4	80·6
7	83·0	82·7	78·4	76·9	76·9	77·2	78·2	78·2	77·4	76·8	76·2	76·3	76·4	77·0	78·2	78·4	78·9	80·2	81·4	81·0	80·6	80·8	81·1	81·7	78·9
8	83·4	79·9	81·0	80·6	78·7	79·2	79·2	79·2	79·2	79·5	79·8	79·0	78·2	77·1	77·2	77·2	76·8	77·0	77·9	78·6	80·2	80·0	80·7	81·5	79·2
9	80·9	80·3	81·4	81·3	81·4	81·2	80·4	80·2	74·2	76·3	78·4	76·7	79·0	79·8	79·5	80·3	81·1	80·5	81·2	81·0	80·5	81·2	81·9	81·9	80·1
10	79·7	79·2	77·7	78·0	79·0	78·0	77·2	76·6	76·2	76·3	76·4	76·3	76·2	76·3	76·7	78·2	80·1	80·2	81·4	81·4	81·8	81·5	82·8	83·1	78·8
11	81·7	81·2	78·5	80·4	81·7	77·0	77·2	77·8	78·2	78·3	78·4	78·3	78·2	78·3	78·2	78·7	79·2	79·3	79·2	80·4	80·0	80·2	81·0	80·6	79·2
12	80·9	80·4	79·5	80·2	81·0	80·9	80·2	80·2	79·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	77·0	77·0	77·0	76·9	76·2	76·4	77·7	77·3	77·7	78·6	78·7	79·4	79·6	79·3	81·5	78·9
14	82·2	81·6	80·5	80·2	78·5	77·0	77·4	77·2	77·2	77·3	77·4	77·3	77·2	77·4	78·2	78·2	78·4	78·6	79·1	79·2	79·0	79·7	80·6	81·4	78·8
15	81·0	80·9	80·2	80·3	79·9	80·9	80·6	80·2	78·2	78·6	79·0	78·8	78·5	78·2	79·8	80·6	80·1	80·0	80·4	79·7	81·0	81·6	81·9	81·2	80·1
16	82·0	81·9	80·7	80·6	80·6	80·4	81·1	80·4	80·2	79·7	79·2	77·8	76·4	76·2	77·2	78·7	79·2	79·4	78·2	79·2	79·5	80·7	81·4	81·2	79·7
17	81·2	81·2	80·6	80·1	79·9	81·2	80·1	80·4	80·2	79·2	78·2	77·8	77·4	75·2	76·8	78·2	79·0	79·1	81·2	80·9	79·2	81·2	80·5	80·0	79·5
18	81·2	82·5	82·0	81·7	77·7	77·0	77·1	75·7	76·0	76·1	76·2	75·9	75·5	76·0	76·4	77·6	77·5	78·2	78·7	80·2	80·8	81·5	81·9	80·2	78·5
19	79·7	79·2	76·3	76·2	76·8	76·1	76·1	76·4	76·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	79·6	79·5	79·4	79·2	79·0	80·4	80·9	82·0	82·2	80·1	81·0	80·3	82·2	83·0	83·2	79·4
21	82·7	82·9	82·4	82·3	82·0	81·1	80·5	80·2	81·0	80·6	80·2	80·6	80·9	80·5	78·2	78·6	75·4	75·6	76·7	78·0	80·2	81·2	81·3	80·2	80·1
22	81·1	80·9	81·4	81·1	80·6	81·0	80·0	80·7	80·2	80·2	80·2	79·8	79·4	78·2	78·5	78·2	78·7	77·3	77·2	78·2	77·6	79·0	80·2	82·0	79·7
23	81·2	81·4	80·9	80·2	76·4	76·0	75·5	75·6	76·2	76·0	75·8	76·1	76·4	77·0	77·9	79·2	80·7	80·5	79·4	80·4	82·2	78·2	80·6	80·7	78·5
24	80·7	80·7	81·3	81·1	77·9	77·5	77·4	77·6	77·2	76·7	76·2	76·3	76·3	76·9	78·0	79·2	80·0	81·7	80·0	80·2	80·9	82·7	84·0	83·1	79·3
25	82·4	82·9	78·4	77·2	77·3	77·4	76·8	76·4	78·2	77·7	77·2	77·7	78·2	77·4	75·9	76·3	75·5	75·9	77·8	79·4	80·6	81·2	82·4	82·7	78·5
26	83·0	81·2	81·2	80·6	80·8	80·6	80·7	80·2	80·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	82·9	81·2	79·5	77·8	77·4	78·7	80·2	81·0	82·2	82·7	83·1	83·7	84·1	83·2	82·4	81·2
28	83·0	83·1	82·0	81·5	79·5	79·6	78·4	79·3	79·2	78·4	77·6	77·3	77·0	77·2	78·1	79·2	80·2	81·9	81·5	83·7	84·2	83·5	83·9	84·4	80·5
29	84·2	83·0	82·1	81·6	81·1	81·4	81·2	81·2	81·2	80·6	80·0	79·6	79·2	78·4	78·3	77·9	76·4	78·2	78·4	79·2	80·0	80·6	81·0	81·9	80·3
30	82·0	81·2	80·2	80·2	79·9	80·0	79·4	79·2	79·2	78·7	78·2	78·1	78·0	76·7	74·6	76·2	79·1	78·2	78·7	80·2	81·9	83·2	83·5	82·7	79·6
31	83·4	82·7	81·2	80·6	81·0	80·7	78·2	78·2	78·2	77·9	77·7	77·6	77·4	78·0	78·7	78·4	78·1	78·2	79·8	80·4	81·2	81·7	81·7	82·0	79·7
Means.	82·0	81·5	80·5	80·3	79·6	79·3	78·9	78·8	78·5	78·4	78·3	78·1	77·8	77·5	77·8	78·6	70·0	79·4	79·7	80·5	80·8	81·4	82·0	82·1	79·6

N. B. 0·2 Added from the Registered Number or corrected to Madras Standard Thermometer (Old).

N. B.—0·2 Added from the Registered Number or corrected to Madras Standard Thermometer (Old).

* The numbers in these Columns are not observed; but interpolated for the sake of obtaining the daily Means.

WET THERMOMETER (STANDARD No. 8.)

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	o	o	o	o	o	o	o	o	o	o *	o	o *	o	o	o	o	o	o	o	o	o	o	o	o	o
SEPTEMBER 1854. 1	81·2	81·8	81·7	81·5	81·0	81·4	81·0	80·0	81·2	80·3	79·4	79·6	79·7	79·2	79·7	79.4	80·2	80·0	79·2	79·8	81·0	81·1	81·4	82·0	80·5
2	82·8	82·2	81·7	80·9	81·2	81·4	81·3	81·2	81·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	79·7	79·2	78·7	78·2	77·9	79·0	80·2	79·0	78·2	78·9	79·4	80·6	79·8	79·7	80·8	80·1
4	81·1	81·4	81·2	79·7	79·6	80·4	80·5	80·5	80·6	77·4	74·2	74·0	73·7	74·7	78·0	77·2	79·0	79·7	80·9	81·1	80·0	80·2	81·4	81·5	79·0
5	82·0	81·9	81·2	81·1	80·2	80·4	80·4	80·2	80·0	80·1	80·2	80·1	80·0	80·0	80·8	81·0	80·0	81·2	81·2	81·0	81·7	82·2	82·4	81·2	80·8
6	78·2	80·2	76·3	76·2	76·2	77·2	77·8	77·4	76·9	76·5	76·2	76·2	76·2	78·7	77·0	77·0	77·4	78·4	78·4	78·7	79·2	79·9	80·2	81·0	77·7
7	80·2	79·5	77·8	75·3	75·2	78·2	76·6	76·9	76·5	76·3	76·2	76·0	75·7	75·2	74·6	75·3	76·4	78·2	78·2	79·2	78·7	78·6	79·7	79·2	77·2
8	79·4	79·2	78·7	77·9	78·0	78·7	76·0	76·3	76·7	76·4	76·2	76·2	76·2	75·7	75·2	75·7	76·4	77·2	78·2	78·7	78·2	78·4	77·5	77·4	77·2
9	77·2	77·4	77·8	77·8	77·2	77·2	77·0	77·0	76·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	76·4	76·2	76·0	75·7	75·2	75·2	77·2	78·2	79·2	80·2	80·4	80·2	80·9	81·1	81·2	77·9
11	82·0	81·2	81·5	81·4	81·0	80·2	80·4	80·7	80·2	79·7	79·2	78·2	77·2	77·2	77·7	79·0	79·2	78·4	78·7	79·2	79·7	80·4	80·9	81·2	79·8
12	81·9	82·0	80·5	81·0	80·5	79·5	79·8	79·3	79·7	78·9	78·2	78·2	78·2	77·7	78·2	77·4	79·0	79·2	80·2	79·4	78·7	80·0	80·8	81·6	79·6
13	81·8	81·0	81·1	81·2	80·4	80·2	79·8	79·8	78·5	78·7	79·0	77·6	76·1	75·1	75·2	76·2	77·6	78·2	77·7	78·5	79·8	79·2	80·0	80·9	78·9
14	80·1	80·5	80·0	80·6	80·8	80·2	79·3	79·2	78·2	78·3	78·4	78·2	78·0	77·4	78·4	79·2	78·2	79·0	79·2	79·9	79·4	80·3	81·0	81·7	79·4
15	81·3	81·2	81·2	79·7	80·7	81·4	81·2	80·7	80·4	78·6	76·8	76·4	76·0	76·0	77·2	77·6	78·7	79·6	80·2	78·6	78·4	79·9	80·6	80·2	79·3
16	80·2	79·4	76·4	76·4	77·4	78·7	79·4	78·9	78·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	78·2	78·2	78·2	78·2	78·4	79·2	80·4	81·2	81·6	82·2	80·8	81·3	82·9	83·4	82·2	79·7
18	81·9	82·2	81·7	81·6	81·2	81·3	80·2	80·4	80·4	80·0	79·7	77·7	75·7	75·7	77·2	80·2	81·4	81·2	81·2	79·6	80·0	80·7	81·2	81·4	80·2
19	81·0	78·7	78·6	81·2	81·1	81·1	80·6	79·6	79·2	78·1	77·0	76·5	76·0	75·4	76·2	76·7	79·1	80·2	80·8	79·4	80·9	82·0	82·5	82·0	79·3
20	81·4	81·2	80·9	80·5	80·4	79·4	79·4	79·4	78·2	77·7	77·2	76·7	76·2	76·2	76·4	78·2	80·0	80·3	78·7	78·8	79·3	80·1	80·6	81·5	79·1
21	81·2	81·2	80·3	80·2	77·9	76·2	75·7	75·9	76·0	78·5	77·1	77·3	77·4	78·0	79·2	79·9	80·7	80·0	79·2	78·7	80·0	78·4	79·8	78·9	78·6
22	78·7	80·0	79·9	79·7	79·9	80·3	79·2	78·9	78·4	77·9	77·4	76·6	75·7	75·2	75·2	74·8	75·7	76·2	77·9	78·4	79·0	76·9	78·0	78·2	77·8
23	78·4	79·0	78·9	78·1	78·2	78·7	78·2	78·8	79·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	76·4	75·7	75·0	74·2	74·2	75·4	77·0	78·2	79·0	80·1	78·2	78·4	77·1	78·2	79·5	77·7
25	78·2	78·9	78·8	79·2	79·2	78·7	79·2	78·9	78·9	78·5	78·2	77·8	77·4	77·2	75·7	75·9	77·2	78·2	79·3	79·8	78·6	78·7	79·9	80·2	78·4
26	80·9	80·2	79·6	79·6	79·9	80·0	80·2	80·0	79·4	79·1	78·9	78·6	78·2	78·2	79·2	79·7	79·9	80·0	80·4	81·8	82·0	82·4	82·2	82·0	80·1
27	81·4	81·1	80·6	80·8	80·4	80·1	80·2	80·2	79·9	79·6	79·4	79·2	79·0	79·2	79·2	79·7	80·2	81·0	81·2	82·1	82·5	82·7	81·4	81·6	80·5
28	80·6	80·4	80·2	79·9	79·2	79·7	80·2	80·2	79·9	79·5	79·2	78·8	78·4	78·2	77·5	78·3	79·0	80·2	81·2	81·4	80·0	80·9	81·7	81·9	79·9
29	81·1	81·0	78·2	78·2	79·2	79·7	80·0	80·2	81·2	79·2	77·2	77·2	77·2	76·8	77·4	79·0	79·2	80·4	81·2	82·0	83·2	82·0	81·8	82·2	79·8
Means.	80·6	80·5	79·8	79·6	79·4	79.5	79·3	79·2	79·0	78·3	77·8	77·4	77·0	76·8	77·3	78·1	78·8	79·4	79·8	79·8	80·0	80·2	80·7	80·9	79·1
										*		*													
September 30.	81·7	81·0	80·6	80·2	80·2	80·3	80·4	80·4	75·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
OCTOBER 1854. 1	—	—	—	—	—	—	—	—	—	76·9	76·7	76·5	76·2	75·9	75·8	78·0	79·2	80·2	81·2	82·2	82·2	82·9	83·2	82·3	79·6
2	81·6	81·0	79·9	80·0	79·9	80·0	80·1	80·2	80·0	79·6	79·2	78·7	78·2	77·9	75·2	75·3	78·7	78·2	80·2	81·4	83·1	82·2	83·0	83·2	79·8
3	81·5	81·1	80·4	79·8	79·6	79·2	79·4	78·7	78·2	78·9	75·7	75·5	75·2	75·4	75·2	78·7	78·2	79·2	80·4	81·4	79·7	78·2	78·7	79·9	78·5
4	80·2	80·1	80·1	79·6	79·1	75·6	75·5	75·4	76·2	75·9	75·7	76·0	76·2	76·3	77·2	79·0	80·2	81·2	81·2	81·2	81·0	81·6	81·9	81·7	78·7
5	81·0	79·5	79·6	79·7	79·2	79·4	79·5	80·0	79·4	79·0	78·7	78·5	78·2	77·9	78·2	79·2	79·7	79·2	79·2	80·2	80·2	79·2	80·4	80·9	79·4
6	80·2	79·2	78·2	78·2	78·4	78·2	78·2	77·6	77·8	77·2	78·7	76·5	76·2	75·9	77·6	79·2	79·7	81·0	81·2	82·2	82·4	81·7	81·2	81·4	79·0
7	80·2	80·2	79·4	79·3	79·3	79·0	79·4	78·4	78·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	79·4	79·2	79·0	78·7	78·9	79·2	79·4	79·9	79·2	80·2	81·2	82·0	82·2	82·9	82·4	79·9
9	83·1	81·2	80·7	80·5	80·0	79·7	80·0	79·4	78·7	78·6	78·6	78·7	78·7	78·4	78·7	79·2	79·7	80·4	81·2	81·2	82·0	82·2	82·7	81·9	80·2
10	81·2	80·7	80·4	78·2	77·8	77·2	77·1	77·1	76·4	76·0	75·6	75·5	75·4	75·5	77·0	78·7	79·9	80·7	81·2	82·0	82·2	82·9	83·2	81·7	78·9
11	81·2	81·7	80·5	79·9	79·5	79·7	79·8	79·8	79·2	78·2	77·3	77·8	78·2	78·2	78·7	78·6	79·2	80·2	81·2	81·9	81·7	81·7	81·2	80·7	79·8
12	80·7	79·8	79·6	79·6	79·2	79·2	79·2	79·2	77·6	77·9	78·2	78·2	78·2	78·3	79·0	79·6	80·2	81·2	81·2	81·2	81·0	81·2	81·0	80·6	79·8
13	80·2	79·7	79·0	78·7	79·0	79·2	78·8	78·6	78·5	78·1	77·7	77·5	77·2	77·0	78·2	79·2	80·2	80·0	81·2	81·2	81·2	82·9	83·2	82·0	79·5
14	80·2	79·7	79·6	78·9	78·6	79·2	78·9	78·8	78·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	76·2	76·4	76·6	76·7	77·2	78·0	79·2	79·5	80·0	80·2	80·7	81·2	80·6	80·2	79·2	78·9
16	79·8	79·7	78·4	78·4	78·3	77·7	77·8	75·8	75·0	75·4	75·9	76·2	76·4	76·0	78·6	77·4	78·2	78·2	78·0	77·2	77·7	78·0	78·2	78·4	77·4
17	78·0	77·2	77·1	77·2	77·2	77·2	77·3	77.3	77·0	76·7	76·4	76·3	76·2	76·3	77·0	77·7	78·2	77·4	78·2	78·2	78·4	77·4	76·8	77·1	77·2
18	76·9	76·2	75·9	75·9	75·9	75·7	75·2	74·2	75·0	74·6	74·2	74·0	73·8	74·2	74·2	75·0	74·8	75·0	76·3	76·2	76·2	76·7	77·2	77·2	75·4
19	77·2	78·7	75·6	75·2	75·0	74·2	74·0	73·8	74·1	73·6	73·2	73·1	72·9	72·4	72·7	73·3	74·9	76·0	76·2	77·8	78·7	77·9	77·0	77·2	75·1
20	76·5	75·7	75·5	75·6	75·8	76·0	75·2	76·2	75·2	74·9	74·6	74·7	74·7	74·6	74·2	75·2	74·4	74·4	76·0	76·6	77·7	77·3	77·7	77·4	75·7
21	77·2	77·4	77·3	76·9	76·5	75·2	76·4	76·2	76·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	74·2	74·2	74·2	74·2	74·4	75·2	75·0	75·5	78·2	77·2	78·2	77·8	77·8	77·8	78·5	76·2
23	77·6	78·2	76·4	76·4	75·9	75·6	75·3	75·3	75·2	74·8	74·4	74·3	74·2	74·0	75·0	76·7	78·2	79·2	79·0	78·2	79·2	79·0	78·7	79·3	76·7
24	78·5	78·0	77·2	76·6	77·0	76·9	78·7	76·5	76·2	76·1	76·0	78·2	76·4	76·2	76·4	77·4	78·2	80·0	80·0	80·4	80·4	81·8	81·0	80·2	77·9
25	80·0	79·9	78·7	78·1	78·1	78·3	78·4	78·2	78·4	77·8	77·2	77·2	77·2	76·5	78·0	79·4	80·2	80·2	80·4	80·7	80·2	80·5	79·7	80·1	78·9
26	79·2	78·4	77·6	77·6	77·2	78·3	78·4	77·8	76·7	76·5	76·4	78·8	77·2	77·2	77·4	78·0	79·2	79·2	79·2	80·0	80·0	80·2	79·4	79·4	78·2
27	78·7	78·2	77·9	77·6	77·4	77·1	77·2	77·0	76·4	76·7	77·0	76·1	75·2	75·0	73·2	74·7	74·7	74·6	75·6	77·0	78·2	78·7	78·8	78·5	76·7
28	78·4	77·9	78·1	77·6	77·2	78·0	77·2	76·3	76·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	78·4	78·0	77·6	77·2	77·0	77·0	77·2	78·0	78·2	78·4	79·2	79·7	79·7	79·1	79·2	78·0
30	79·0	78·4	78·3	78·6	78·7	78·4	78·2	77·7	77·7	77·4	77·2	76·7	76·2	76·2	76·8	78·2	78·2	78·8	79·4	80·2	80·0	79·4	79·2	79·0	78·2
31	79·0	78·2	78·4	78·4	75·1	74·3	74·4	74·8	74·2	74·4	74·7	74·9	75·0	75·2	75·5	77·0	77·2	78·4	79·1	79·8	80·2	79·6	78·4	79·2	76·9
Means.	79·6	79·1	78·5	78·2	78·0	77·7	77·7	77·4	77·0	76·7	76·5	76·4	76·3	76·2	76·6	77·5	78·2	78·8	79·4	79·9	80·2	80·1	80·1	79·9	78·2

N. B. 0·9 Added from the Registered Number or corrected to Madras Standard Thermometer (Old).

N. B. 0·3 Added from the Registered Number or corrected to Madras Standard Thermometer (Old).

* The numbers in these Columns are not observed; but interpolated for the sake of obtaining the daily Means.

WET THERMOMETER (STANDARD No. 8).

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41	
NOVEMBER 1854.	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
1	78·4	78·6	77·8	78·2	77·8	77·2	77·2	77·2	77·2	77·4	77·7	77·5	77·2	76·4	75·9	77·3	78·2	79·9	80·0	79·4	80·0	80·4	79·7	80·1	78·2
2	78·9	78·5	77·9	77·5	77·2	77·2	77·0	77·0	76·8	76·5	76·2	76·2	76·2	76·0	77·0	78·1	78·2	79·2	79·2	78·3	78·2	78·0	79·2	77·9	77·6
3	77·7	76·8	76·7	76·9	77·0	77·2	76·4	77·0	76·9	76·6	76·4	76·7	77·0	77·2	78·0	78·7	78·2	78·2	78·2	77·2	77·7	77·7	77·4	75·4	77·2
4	75·4	76·0	75·1	74·0	74·2	74·4	74·4	74·2	74·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	73·3	73·2	73·1	73·0	72·9	73·2	74·3	74·7	75·2	75·4	76·0	75·2	75·0	75·9	76·6	74·5
6	76·9	77·0	76·2	76·2	76·3	76·4	76·4	76·4	76·7	76·6	76·6	76·5	76·4	76·3	77·2	78·2	79·4	80·0	80·8	81·2	80·7	80·5	78·9	78·0	77·7
7	76·8	77·0	75·2	75·2	75·2	75·2	75·2	75·4	75·2	75·1	75·0	74·7	74·4	74·8	75·4	76·6	77·5	77·7	79·2	78·9	79·0	79·7	79·5	78·2	76·5
8	77·5	77·2	76·5	77·2	77·9	78·0	78·2	77·9	76·9	77·0	77·2	76·8	76·4	75·4	76·2	76·7	78·0	78·4	77·4	78·6	78·0	78·2	78·4	78·7	77·4
9	78·2	76·2	75·2	75·4	75·2	75·1	75·2	75·5	75·7	74·9	74·2	74·3	74·4	74·3	74·4	75·2	74·9	74·1	73·4	75·2	74·5	73·2	73·9	74·2	74·9
10	74·5	75·0	74·4	74·7	74·4	74·4	74·3	73·9	74·2	74·1	74·0	73·6	73·2	73·0	73·0	74·2	74·7	75·9	76·4	76·9	76·0	74·9	75·2	75·2	74·6
11	76·2	75·7	75·7	75·7	75·2	75·4	75·2	75·0	75·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	76·2	76·0	75·8	75·6	75·2	75·4	76·2	77·8	78·7	79·2	80·2	80·2	79·2	78·2	77·3	76·7
13	77·9	77·2	76·4	75·9	75·8	76·0	75·6	74·5	74·2	74·5	74·9	74·9	74·8	75·0	75·2	75·7	77·4	79·8	76·2	76·4	78·7	78·5	77·8	77·7	76·3
14	76·9	76·8	75·9	76·2	76·0	76·0	76·0	76·2	76·2	75·8	75·5	75·4	75·2	75·2	75·7	77·4	77·2	77·9	78·7	78·4	78·2	78·6	78·4	77·8	76·7
15	76·8	77·0	76·4	76·3	76·8	75·7	76·2	75·7	75·7	75·5	75·4	75·3	75·2	75·2	75·9	76·3	76·4	75·7	76·2	77·4	78·7	77·4	78·3	77·6	76·4
16	77·2	76·2	76·2	75·9	75·8	75·2	75·2	75·2	75·2	74·8	74·5	74·4	74·2	73·7	73·4	75·0	75·7	76·3	76·7	76·2	76·0	74·6	74·2	73·9	75·2
17	73·5	73·2	72·3	72·4	72·2	72·4	72·0	72·1	72·2	72·1	72·0	71·7	71·4	71·2	72·2	73·2	74·2	75·0	73·3	73·3	73·9	73·0	73·2	74·7	72·8
18	73·4	72·2	72·2	71·9	72·1	72·1	72·1	72·2	72·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	72·3	72·0	71·7	71·4	71·5	71·2	71·5	72·4	74·4	74·7	76·2	76·8	76·8	75·1	75·4	73·1
20	75·9	75·4	74·5	74·5	74·5	74·6	75·2	75·2	74·6	74·1	73·7	73·1	72·4	72·9	73·4	75·2	74·2	74·4	74·2	75·2	75·0	74·2	73·7	72·9	74·3
21	71·7	71·2	70·4	71·1	70·9	70·5	70·4	71·4	72·2	71·9	71·7	71·5	71·2	71·4	71·2	71·9	72·7	74·0	73·8	73·3	73·2	73·2	72·6	71·9	71·9
22	72·3	72·7	72·5	73·2	73·3	73·3	73·2	73·2	73·4	73·3	73·2	73·2	73·2	73·4	74·2	75·1	75·0	75·7	75·4	75·2	74·4	75·4	73·7	74·2	73·8
23	75·2	75·7	76·1	75·9	75·7	75·2	75·2	75·0	74·2	74·3	74·4	74·3	74·2	75·2	75·7	76·2	77·4	78·0	77·7	77·7	77·7	77·6	76·7	75·4	75·9
24	75·2	75·4	76·0	75·6	75·2	75·2	75·2	75·2	75·2	75·0	74·9	74·8	74·7	74·7	75·2	76·8	77·4	77·7	78·3	78·0	78·7	78·6	76·4	77·2	76·1
25	76·6	76·2	76·2	76·2	76·6	76·6	76·4	76·2	76·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	74·6	74·4	74·2	73·9	74·0	75·0	75·4	77·0	76·4	77·2	77·2	77·5	77·1	77·0	76·4	76·0
27	76·2	76·2	76·1	76·3	75·2	75·2	74·4	74·2	74·2	73·8	73·5	73·6	73·6	73·2	74·0	74·2	76·0	75·2	77·1	75·7	76·2	75·2	75·2	75·6	75·0
28	75·4	75·7	75·4	75·1	74·8	74·3	74·4	74·2	74·2	73·4	72·7	73·3	73·8	73·2	73·4	75·0	76·2	77·1	77·5	78·0	77·9	77·0	77·2	77·2	75·3
29	77·0	76·2	76·0	76·0	75·9	75·5	75·2	75·0	75·2	74·9	74·6	74·4	74·2	74·2	74·7	76·0	76·4	78·4	77·2	78·0	76·9	76·2	75·9	75·2	75·8
30	75·2	74·9	74·2	73·8	73·8	73·0	72·7	72·3	72·2	72·2	72·2	72·2	72·2	72·0	73·0	74·1	73·4	74·1	75·6	74·2	75·7	74·1	74·2	74·4	73·6
Means.	76·0	75·8	75·3	75·3	75·2	75·0	75·0	74·9	74·8	74·6	74·5	74·4	74·2	74·1	74·6	75·6	76·2	76·8	76·9	77·0	77·1	76·7	76·4	76·1	75·5
DECEMBER 1854.																									
1	74·1	75·0	74·1	74·0	73·9	73·9	73·8	74·2	73·7	73·2	72·7	72·5	72·2	71·9	72·0	72·4	73·9	75·0	75·2	75·4	75·0	74·7	75·2	75·2	73·9
2	74·4	75·0	74·6	73·7	73·9	74·4	74·3	74·0	73·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	73·9	73·7	73·5	73·2	73·2	73·2	74·1	75·2	76·4	76·2	76·4	75·7	76·0	77·2	74·2	74·6
4	76·2	76·6	73·0	73·0	73·2	73·2	74·0	73·4	73·2	73·3	73·4	73·5	73·6	73·6	74·2	75·9	75·4	77·0	78·4	77·7	77·4	75·7	75·2	74·4	74·7
5	74·2	74·4	73·0	73·2	73·2	73·2	73·6	73·2	73·2	73·2	73·2	73·2	73·2	74·2	73·8	73·6	73·2	74·4	76·2	76·5	75·2	76·0	74·2	74·2	74·0
6	74·4	73·5	73·2	73·2	73·2	73·0	73·0	72·5	72·7	72·5	72·4	72·3	72·2	72·2	72·6	73·6	74·7	74·6	74·7	73·9	74·0	73·5	73·2	72·7	73·2
7	72·4	72·7	72·5	72·6	72·0	72·0	71·8	71·6	71·5	71·3	71·2	71·2	71·2	71·2	70·6	71·9	73·1	74·2	74·2	74·7	74·9	73·0	73·7	73·2	72·4
8	73·4	73·0	73·0	73·0	73·0	72·4	72·4	72·1	71·7	71·8	72·0	72·0	71·9	72·2	73·0	73·5	74·9	75·2	76·0	75·2	75·0	74·9	75·0	75·4	73·4
9	75·2	74·7	74·2	73·5	73·5	73·3	73·2	73·3	74·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	72·2	72·2	72·2	72·2	72·4	73·6	75·0	73·2	74·2	76·2	76·0	76·3	74·6	72·2	72·0	73·7
11	73·4	74·0	76·0	74·0	74·2	74·2	73·2	72·9	73·2	73·2	73·2	73·5	73·7	73·0	72·4	74·2	73·4	74·2	74·2	72·7	73·5	74·2	73·0	73·1	73·6
12	72·2	72·3	72·3	72·2	71·9	71·2	71·6	71·6	73·2	72·9	72·7	72·5	72·2	72·0	72·8	72·2	72·7	73·2	73·2	71·7	71·0	71·7	71·7	71·4	72·2
13	71·0	73·5	69·4	69·4	69·4	69·4	69·4	69·2	69·9	69·7	69·5	69·4	69·2	69·2	70·0	70·2	73·2	73·2	72·2	72·9	71·2	71·4	72·0	72·4	70·7
14	70·7	70·4	70·3	70·6	70·3	69·2	68·3	68·2	68·7	68·0	67·4	67·3	67·2	65·9	65·7	69·2	70·4	71·1	71·2	70·5	70·2	69·7	69·4	70·0	69·2
15	70·4	71·5	70·1	69·8	70·2	70·2	70·2	70·2	70·0	69·6	69·2	69·2	69·2	68·9	68·7	70·0	71·2	71·4	72·2	71·2	71·4	71·4	71·2	71·5	70·4
16	70·2	70·6	70·9	70·8	70·5	70·2	69·2	69·7	69·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	67·1	66·8	66·5	66·2	65·7	66·2	67·6	67·0	67·8	68·9	70·0	67·4	69·2	68·4	68·2	68·5
18	68·8	69·0	69·0	68·9	69·2	68·4	68·4	68·0	67·9	67·5	67·2	67·2	67·2	67·2	67·4	68·9	70·4	71·2	71·6	71·4	71·0	70·4	71·2	71·4	69·1
19	70·5	70·0	69·2	69·5	69·6	69·1	68·8	68·2	69·2	69·2	69·2	68·7	68·1	68·2	69·2	71·2	72·0	72·2	71·8	71·9	69·0	69·9	68·7	68·2	69·7
20	68·5	68·2	67·9	67·2	67·2	68·0	67·4	67·8	67·7	67·4	67·2	66·8	66·4	66·2	66·6	68·4	70·5	70·1	70·3	70·5	70·2	70·2	70·0	70·4	68·4
21	71·2	70·0	69·0	70·0	70·0	69·8	69·7	68·9	69·4	69·6	69·9	69·9	69·8	70·2	70·0	70·0	71·2	71·8	72·0	72·8	73·2	73·2	73·4	73·7	70·8
22	73·5	74·0	73·2	73·2	73·2	73·0	73·2	74·0	74·2	74·0	73·8	73·5	73·2	73·7	73·8	74·4	75·2	75·2	76·4	75·3	77·2	76·6	75·7	75·2	74·4
23	75·2	74·9	71·4	73·5	74·9	75·2	75·2	75·0	74·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	74·2	74·2	74·2	74·2	73·6	74·2	75·2	76·2	76·2	76·4	76·2	76·4	75·5	74·2	75·2	74·8
25	73·7	73·1	73·0	73·4	73·1	73·9	73·5	73·7	73·7	73·8	74·0	73·3	72·5	73·4	74·0	74·2	73·7	74·2	75·9	75·7	75·2	75·4	73·2	74·0	73·9
26	75·2	74·9	74·4	74·2	73·2	73·7	73·7	73·6	73·4	72·5	71·7	71·5	71·2	71·2	71·4	72·2	72·4	73·3	73·0	73·5	73·7	73·9	74·2	73·2	73·1
27	73·0	72·7	73·2	72·1	72·1	72·3	71·5	71·4	71·7	71·5	71·4	71·3	71·2	71·2	70·5	71·2	72·4	73·7	74·2	74·2	73·2	72·4	72·9	72·9	72·3
28	72·8	72·0	72·3	71·9	71·7	71·6	71·6	71·7	72·2	72·6	73·0	73·1	73·2	73·0	72·7	72·7	73·2	73·0	73·2	74·2	74·2	74·9	75·7	75·0	73·0
29	73·8	73·2	73·3	73·2	73·2	73·3	73·2	73·7	72·7	72·5	72·3	72·3	72·2	72·2	72·2	73·2	73·2	74·2	74·2	74·2	74·4	75·2	73·0	72·5	73·2
30	73·3	72·5	71·3	71·3	70·7	69·5	70·1	70·2	70·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	68·9	68·2	67·5	66·7	65·7	66·7	69·2	70·2	69·5	69·6	70·9	71·2	70·2	69·8	70·0	69·7
Means.	72·8	72·7	72·1	72·0	71·9	71·8	71·7	71·6	71·8	71·4	71·2	71·1	70·9	70·8	71·1	72·1	72·8	73·3	73·8	73·7	73·4	73·2	72·8	72·7	72·2

N. B. 0°.2 Added from the Registered Number or corrected to Madras Standard Thermometer (Old.)

N. B. 0°.1 Added from the Registered Number or corrected to Madras Standard Thermometer (Old).

* The numbers in these columns are not observed ; but interpolated for the sake of obtaining the daily Means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. — JANUARY 1854.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1853 December 31	0·71	0·73	0·73	0·80	0·84	0·87	0·88	0·90	0·95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·92	0·90	0·91	0·92	0·93	0·94	0·91	0·83	0·69	0·66	0·66	0·64	0·64	0·65	0·66	0.803
2	·68	·69	·72	·74	·72	·80	·81	·84	·88	·89	·90	·91	·91	·93	·92	·90	·78	·64	·63	·60	·61	·63	·62	·66	.767
3	·65	·67	.69	·69	·70	·78	·83	·94	·92	·91	·90	·91	·92	·91	·91	·85	·75	·66	·59	·60	·56	·59	·59	·59	·755
4	·62	·64	.69	·74	·77	·76	·77	·80	·84	·84	·85	·87	·89	·89	·89	·82	·75	·69	·65	·61	·60	·59	·62	·61	·742
5	·61	·65	.65	·69	·70	·72	·69	·76	·75	·78	·81	·87	·92	·90	·91	·83	·73	·68	·59	·61	·61	·60	·63	·65	·723
6	·65	·69	.71	·72	·71	·72	·70	·72	·82	·84	·87	·87	·86	·86	·82	·78	·74	·71	·67	·65	·63	·66	·65	·66	·738
7	·67	·70	·73	·73	·74	·75	·75	·81	·77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·85	·93	·91	·94	·94	·93	·93	·87	·81	·76	·78	·75	·70	·83	·95	·818
9	·95	·96	·96	·97	·96	·96	·96	·96	·91	·93	·95	·95	·95	·91	·92	·89	·87	·85	·85	·83	·80	·81	·83	·83	·907
10	·83	·84	·88	·87	·88	·88	·96	·97	·92	·90	·88	·90	·92	·94	·95	·93	·80	·76	·74	.74	·74	·71	·71	·72	·849
11	·72	·76	·75	·74	·75	·73	·72	·74	·76	·81	·87	·89	·90	·90	·94	·91	·86	·77	·69	·66	·67	·62	·66	·66	·770
12	·69	·71	·72	·76	·78	·77	·77	·78	·93	·90	·88	·91	·93	·95	·94	·86	·77	·73	·69	·65	·66	·64	·63	·64	·779
13	·66	·69	·69	·70	·70	·69	·70	·73	·76	·82	·88	·89	·89	·91	·90	·87	·77	·69	·65	·63	·63	·63	·62	·63	·739
14	·64	·68	·70	·72	·73	·78	·77	·84	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·89	·91	·94	·96	·93	·94	·90	·82	·74	·71	·69	·70	·69	·71	·71	.792
16	·73	·75	·77	·80	·81	·84	·85	·86	·91	·91	·91	·94	·97	·95	·96	·89	·87	·77	·68	·68	·68	·69	·68	·69	·816
17	·72	·74	·79	·80	·80	·80	·81	·83	·86	·89	·92	·94	·95	·94	·94	·92	·78	·71	·69	·66	·66	·66	·66	·66	·797
18	·68	·73	·76	·79	·78	·80	·87	·89	·92	·91	·91	·91	·91	·91	·92	·88	·80	·74	·66	·61	·60	·60	·62	·62	·784
19	·65	·73	·74	·72	·74	·73	·74	·72	·77	·81	·85	·87	·89	·90	·91	·80	·71	·60	·61	·63	·63	·62	·60	·63	·733
20	·61	·65	·67	·67	·65	·61	·67	·64	·67	·66	·65	·64	·63	·68	·73	·77	·67	·58	·60	·60	·56	·58	·59	·58	·645
21	·60	·63	·68	·67	·71	·72	·70	·70	·69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·73	·78	·80	·82	·86	·88	·75	·61	·59	·61	·61	·64	·60	·62	·65	·694
23	·68	·69	·66	·67	·67	·67	·68	·68	·66	·68	·71	·72	·73	·76	·85	·80	·64	·63	·58	·67	·62	·65	·64	·63	·682
24	·61	·65	·67	·69	·70	·74	·71	.72	·73	·79	·86	·90	·93	·94	·96	·82	·74	·69	·68	·61	·60	·62	·65	·67	·734
25	·68	·71	·72	·73	·73	·77	·82	·86	·90	·90	·90	·91	·92	·91	·93	·85	·78	·71	·64	·66	·63	·61	·64	·64	·774
26	·61	·67	·67	·69	·69	·71	·78	·78	·84	·86	·89	·88	·86	·89	·91	·86	·76	·63	·60	·62	·61	·63	·65	·64	·740
27	·67	·71	·73	·76	·78	·66	·88	·90	·90	·90	·90	·92	·93	·93	·92	·87	·78	·70	·64	·62	·62	·62	·61	·63	·782
28	·66	·66	·68	·70	·72	·73	·74	·83	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·85	·86	·88	·90	·90	·91	·86	·76	·64	·60	·59	·61	·60	·58	·61	·738
30	·63	·67	·69	70	·73	·74	·78	·84	·83	·84	·86	·88	·90	·89	·91	·88	·76	·69	·66	·66	·64	·64	·66	·65	·755
31	·66	·70	·73	·76	·82	·83	·86	·88	·89	·90	·91	·91	·90	·91	·92	·88	·76	·75	·69	·70	·66	·66	·67	·67	·793
Means.	·680	·707	·724	·741	·752	·770	·785	·812	·834	·849	·868	·884	·894	·899	·908	·860	·769	·698	·660	·653	·643	·644	·653	·664	·765

TENSION OF THE ATMOSPHERIC VAPOUR. — JANUARY 1854.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In	In.
1853 December 31	0·654	0·635	0·605	0·636	0·625	0·606	0·597	0·608	0·634	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·624	0·625	0·616	0·605	0·610	0·612	0·644	0·673	0·637	0·629	0·628	0·618	0·609	0·616	0·614	0·623
2	·624	·614	·611	·610	·594	·632	·618	·613	·600	·593	·586	·577	·568	·578	·591	·613	·639	·590	·595	·565	·576	·591	·593	·607	·599
3	·596	·581	·584	·571	·566	·590	·611	·644	·602	·574	·547	·544	·541	·536	·540	·569	·593	·569	·543	·552	·532	·547	·547	·547	·568
4	·552	·548	·565	·579	·568	·563	·549	·551	·549	·550	·552	·553	·553	·549	·548	·566	·581	·603	595	·574	·592	·573	·577	·575	·565
5	·555	·559	·544	·551	·535	·535	·507	·537	·529	·535	·541	·544	·547	·537	·535	·541	·567	·592	·560	·593	·598	·607	·616	·628	·558
6	·608	·611	·609	·616	·591	·595	·579	·592	·594	·589	·585	·575	·564	·568	·566	·577	·599	·613	·622	·633	·639	·648	·633	·635	·602
7	·635	·630	·630	·623	·627	·637	·624	·636	·593	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·664	·735	·727	·719	·713	·707	·735	·748	·785	·792	·791	·812	·805	·814	·818	·708
9	·816	·820	·827	·831	·824	·827	·827	·825	·807	·814	·822	·818	·813	·790	·806	·823	·844	·861	·873	·863	·837	·840	·841	·820	·828
10	·819	·801	·807	·784	·798	·795	·820	·831	·787	·768	·750	·744	·738	·730	·731	·765	·742	·728	·732	·740	·727	·707	·697	·683	·759
11	·676	·685	·667	·655	·651	·633	·614	·617	·611	·615	·619	·627	·635	·624	·627	·664	·662	·683	·658	·638	·663	·605	·624	·631	·641
12	·637	·631	·626	·645	·653	·647	·645	·642	·688	·646	·605	·616	·626	·614	·612	·617	·633	·653	·627	·613	·624	·614	·607	·610	·630
13	·612	·606	·596	·597	·590	·594	·587	·596	·590	·604	·618	·620	·622	·621	·624	·635	·612	·623	·618	·603	·618	·605	·599	·601	·609
14	·598	·607	·606	·614	·614	·637	·624	·629	·634	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·650	·666	·673	·680	·660	·632	·664	·688	·663	·669	·670	·704	·698	·713	·703	·654
16	·696	·691	·673	·685	·693	·705	·693	·697	·677	·674	·671	·676	·680	·659	·667	·679	·723	·710	·672	·674	·688	·693	·682	·685	·685
17	·680	·680	·688	·688	·683	·685	·697	·698	·678	·682	·686	·676	·686	·657	·673	·677	·676	·669	·675	·671	·682	·664	·673	·664	·678
18	·668	·670	·682	·689	·671	·682	·686	·666	·661	·655	·648	·648	·648	·630	·647	·676	·693	·686	·668	·623	·633	·621	·634	·622	.659
19	·644	·671	·657	·648	·654	·639	·641	·610	·626	·609	·593	·583	·573	·573	·581	·550	·593	·553	·563	·603	·607	·597	·583	·604	·608
20	·587	·574	·576	·571	·552	·540	·558	·530	·538	·550	·543	·534	·525	·551	·590	·593	·570	·529	·566	·573	·551	·564	·557	·548	·558
21	·550	·562	·580	·579	·595	·605	·586	·580	·580	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·616	·653	·665	·676	·635	·622	·610	·555	·580	·598	·613	·630	·606	·625	·633	·606
23	·644	·626	·574	·579	·579	·572	·578	·584	·556	·565	·574	·580	·586	·570	·603	·624	·563	·560	·556	·642	·580	·625	·608	·590	·590
24	·598	·582	·576	·585	·584	·587	·577	·575	·583	·587	·591	·587	·582	·608	·557	·580	·589	·616	·649	·593	·592	·605	·631	·637	·594
25	·639	·631	·620	·618	·609	·629	·626	·615	·618	·610	·603	·600	·596	·589	·591	·609	·630	·632	·590	·628	·613	·625	·623	·611	·615
26	·601	·598	·577	·585	·586	·574	·608	·559	·563	·579	·596	·565	·573	·570	·579	·597	·616	·564	·556	·602	·594	·615	·618	·619	·588
27	·620	·626	·623	·624	·629	·631	·621	·613	·605	·595	·556	·552	·577	·568	·568	·593	·626	·628	·589	·585	·600	·605	·598	·607	·604
28	·612	·596	·582	586	·593	·601	·600	·607	·592	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·593	·595	·599	·603	·582	·590	·603	·618	·575	·556	·560	·598	·592	·566	·575	·591
30	·583	·595	·583	·590	·597	·604	·613	·596	570	573	·576	·579	·582	·570	·567	·616	·625	·603	·598	·623	·609	·617	·630	·618	·597
31	·615	·630	629	·636	·648	·632	·612	·603	·583	·579	·575	·579	·582	·579	·572	·607	·609	·646	·649	·665	·660	·659	·656	·678	·621
Means.	·634	·632	·626	·620	·620	·628	·626	·624	·617	·618	·620	·619	·617	·610	·613	·632	·640	·636	·630	·634	·637	·635	·637	·636	·627

* The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means.

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HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. FEBRUARY 1854.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0.70	0.75	·079	0·82	0,82	0·80	0·86	0·91	0·95	0·93	0·91	0·92	0·92	0·95	0·94	0·93	0·81	0·72	0·67	0·62	0·52	0 62	0·67	0·72	0·802
2	·76	·81	·85	·87	·88	·86	·89	·92	·91	·91	·91	·93	·95	·95	·95	·92	·87	·79	·65	·59	·65	·70	·74	·75	·834
3	·78	·81	·87	·87	·90	·91	·91	·93	·91	·91	·91	·92	·93	·95	·95	·94	·87	·75	·68	·72	·72	·69	·65	·67	·840
4	·72	·82	·84	·83	·83	·82	·85	·88	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·89	·90	·91	·92	·91	·95	·90	·79	·71	·69	·67	·68	·65	·66	·68	·808
6	·72	·76	·81	·83	·83	·81	·80	·82	·83	·85	·87	·89	·91	·91	·92	·91	·85	·72	·65	·65	·64	·64	·64	·67	·789
7	·70	·74	·76	·77	·78	·79	·79	·79	·81	·85	·89	·90	·91	·91	·91	·87	·81	·68	·64	·66	·62	·66	·67	·69	·775
8	·70	·73	·75	·77	·78	·78	·79	·82	·81	·84	·88	·90	·91	·91	·91	·86	·81	·73	·68	·66	·65	·64	·65	·66	·776
9	·68	·71	·75	·77	·77	·78	·79	·83	·81	·83	·86	·89	·91	·88	·90	·87	·80	·72	·67	·64	·64	·65	·66	·66	·770
10	·68	·70	·74	·74	·79	·82	·82	·82	·80	·86	·92	·91	·90	·90	·93	·88	·79	·66	·63	·61	·62	·61	·65	·66	·768
11	·67	·68	·72	·73	·75	·79	·81	·82	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·84	·82	·85	·88	·88	·89	·83	·75	·68	·66	·62	·62	·62	·64	·69	·754
13	·71	·77	·79	·79	·79	·78	·79	·81	·82	·85	·88	·89	·90	·91	·93	·90	·83	·72	·63	·58	·68	·71	·69	·79	·789
14	·88	·88	·90	·91	·90	·85	·83	·87	·88	·90	·92	·92	·92	·93	·95	·89	·75	·39	·35	·30	·42	·41	·46	·47	·745
15	·52	·63	·77	·79	·79	·79	·79	·80	·79	·81	·83	·87	·91	·92	·93	·87	·83	·73	·71	·70	·70	·69	·69	·71	·774
16	·73	·74	·74	·75	·73	·73	·72	·72	·70	·70	·71	·70	·69	·70	·71	·69	·64	·61	·64	·58	·58	·58	·55	·57	·675
17	·57	·59	·59	·60	·57	·60	·58	·61	·65	·68	·72	·71	·69	·68	·67	·59	·61	·62	·58	·63	·61	·61	·61	·60	·624
18	·64	·66	·68	·68	·65	·65	·65	·65	·66	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·69	·72	·79	·86	·86	·86	·79	·73	[illegible]5	·64	·63	·63	·66	·69	·68	·700
20	·66	·64	·62	·61	·62	·63	·65	·68	·68	·70	·73	·79	·85	·86	·84	·80	·71	·62	·61	·61	·62	·63	·63	·65	·685
21	·70	·72	·73	·67	·65	·63	·64	·67	·68	·75	·82	·88	·93	·86	·84	·78	·74	·66	·60	·60	·61	·61	·60	·63	·708
22	·67	·70	·72	·75	·77	·79	·86	·87	·88	·89	·91	·91	·91	·91	·89	·84	·76	·67	·64	·65	·65	·64	·64	·66	·774
23	·66	·71	·73	·74	·77	·82	·86	·84	·84	·86	·89	·90	·90	·91	·91	·82	·80	·72	·68	·67	·67	·68	·70	·71	·783
24	·73	·79	·83	·82	·81	·82	·84	·84	·84	·85	·87	·90	·92	·92	·91	·88	·79	·72	·69	·66	·67	·66	·70	·70	·798
25	·69	·70	·73	·74	·75	·76	·83	·82	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·88	·91	·92	·93	·94	.93	·89	·79	·77	·65	·67	·64	·61	·60	·61	·775
27	·66	·74	·82	·87	·88	·90	·87	·91	·91	·91	·91	·92	·93	·93	·95	·93	·87	·71	·59	·45	·64	·53	·49	·50	·784
28	·63	·76	·83	·87	·89	·89	·91	·92	·89	·91	·93	·93	·93	·93	·94	·92	·85	·76	·63	·50	·55	·64	·61	·67	·804
Means.	·690	·731	·765	·774	·779	·783	·797	·815	·819	·837	·859	·877	·892	·892	·896	·854	·785	·688	·636	·611	·626	·631	·637	·658	·761

TENSION OF THE ATMOSPHERIC VAPOUR. FEBRUARY 1854.

	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·683	0·691	0·678	0·678	0·671	0·661	0·673	0·664	0·635	0·622	0·610	0·598	0·586	0·598	0·590	0·648	0·618	0·663	0·672	0·681	0·621	0·731	0·756	0·773	0·661
2	·778	·786	·789	·787	·793	·769	·762	·762	·760	·736	·712	·719	·725	·714	·703	·744	·800	·795	·706	·690	·756	·797	·820	·814	·759
3	·813	·805	·798	·800	·812	·809	·784	·775	·761	·750	·739	·734	·728	·719	·735	·773	·788	·735	·730	·773	·783	·748	·701	·719	·763
4	·748	·802	·781	·764	·767	·758	·768	·765	·753	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·711	·669	·662	·655	·644	·651	·705	·702	·723	·721	·721	·717	·705	·733	·728	·723
6	·735	·734	·745	·741	·730	·719	·704	·712	·715	·699	·684	·678	·671	·671	·673	·710	·756	·725	·682	·681	·697	·685	·698	·697	·706
7	·713	·727	·710	·713	·710	·714	·703	·703	·704	·703	·703	·684	·664	·667	·665	·719	·724	·690	·668	·699	·675	·718	·707	·712	·700
8	·708	·698	·694	·708	·699	·700	·697	·707	·697	·686	·676	·670	·664	·647	·649	·682	·724	·719	·718	·700	·702	·697	·698	·695	·693
9	·691	·697	·707	·713	·698	·707	·705	·724	·706	·704	·703	·695	·687	·658	·656	·704	·738	·726	·697	·690	·696	·709	·725	·704	·702
10	·713	·697	·699	·701	·705	·706	·695	·687	·668	·657	·646	·637	·627	·625	·631	·690	·698	·680	·678	·667	·695	·687	·715	·725	·680
11	·723	·691	·700	·680	·691	·678	·671	·666	·665	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·677	·690	·676	·662	·655	·654	·674	·699	·709	·731	·716	·738	·726	·731	·755	·694
13	·769	·794	·774	·774	·774	·772	·770	·783	·784	·795	·807	·806	·805	·781	·801	·834	·846	·809	·774	·753	·804	·807	·795	·843	·794
14	·891	·888	·882	·892	·872	·833	·821	·825	·828	·824	·820	·806	·792	·768	·776	·798	·738	·417	·408	·385	·509	·489	·543	·538	·723
15	·557	·639	·744	·749	·751	·756	·751	·734	·728	·726	·724	·705	·685	·685	·690	·725	·758	·747	·755	·765	·776	·748	·743	·762	·725
16	·757	·732	·714	·715	·686	·686	·680	·675	·658	·655	·652	·642	·631	·633	·649	·669	·642	·654	·672	·615	·632	·639	·608	·605	·663
17	·591	·585	·568	·565	·542	·559	·545	·563	·591	·601	·612	·600	·588	·585	·571	·556	·578	·592	·605	·663	·648	·638	·631	·617	·591
18	·622	·623	·632	·623	·590	·591	·578	·565	·570	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·591	·613	·625	·637	·612	·612	·619	·650	·651	·647	·668	·662	·682	·715	·690	·628
20	·675	·631	·596	·577	·578	·597	·608	·620	·619	·628	·637	·642	·646	·631	·619	·634	·636	·625	·638	·632	·650	·664	·676	·686	·631
21	·709	·700	·677	·620	·608	·597	·604	·620	·623	·625	·628	·657	·686	·631	·630	·655	·663	·662	·624	·636	·659	·668	·649	·664	·645
22	·679	·673	·668	·675	·684	·693	·702	·700	·674	·669	·664	·666	·668	·660	·661	·681	·699	·667	·665	·681	·671	·671	·689	·694	·677
23	·686	·694	·690	·687	·700	·710	·716	·693	·689	·697	·705	·693	·680	·671	·677	·695	·731	·718	·718	·734	·742	·748	·757	·762	·708
24	·774	·780	·760	·753	·734	·725	·720	·717	·689	·673	·657	·654	·651	·654	·648	·702	·730	·726	·716	·708	·734	·726	·758	·754	·714
25	·715	·708	·710	·694	·687	·687	·691	·661	·655	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·663	·671	·675	·679	·664	·648	·681	·708	·736	·684	·749	·736	·711	·698	·689	·692
27	·725	·768	·804	·811	·779	·762	·749	·736	·706	·699	·693	·683	·672	·657	·713	·755	·798	·746	·679	·561	·810	·667	·607	·622	·717
28	·694	·791	·825	·842	·835	·825	·782	·760	·753	·748	·743	·721	·699	·695	·697	·713	·737	·738	·693	·613	·713	·791	·764	·786	·748
Means.	·714	·722	·723	·719	·712	·709	·703	·701	·693	·689	·686	·680	·675	·661	·667	·699	·717	·694	·678	·674	·701	·702	·765	·710	·697

* The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. MARCH 1854.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·71	0·77	0·61	0·84	0·87	0·88	0·85	0·88	0·89	0·91	0·94	0·93	0·92	0·92	0·92	0·91	0·82	0·67	0·49	0·40	0·48	0·48	0·47	0·50	0·760
2	·66	·66	·80	·83	·84	·85	·87	·89	·91	·89	·88	·89	·90	·91	·91	·87	·78	·73	·66	·52	·59	·53	·44	·47	·758
3	·53	·62	·70	·73	·77	·84	·87	·90	·90	·90	·91	·92	·92	·90	·90	·87	·79	·69	·69	·67	·61	·59	·61	·63	·769
4	·71	·74	·77	·79	·83	·85	·87	·91	·91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·88	·85	·88	·91	·91	·95	·90	·77	·68	·67	·65	·64	·64	·62	·60	·789
6	·66	·71	·77	·79	·77	·79	·80	·83	·85	·89	·93	·92	·91	·91	·91	·87	·75	·66	·60	·63	·61	·62	·64	·64	·770
7	·66	·73	·77	·80	·61	·83	·87	·89	·89	·90	·91	·92	·92	·93	·91	·89	·79	·57	·59	·64	·63	·66	·64	·69	·789
8	·72	·79	·84	·86	·88	·89	·92	·93	·94	·94	,95	·94	·93	·91	·89	·83	·72	·65	·61	·61	·63	·66	·69	·71	·810
9	·76	·79	·82	·82	·85	·86	·89	·90	·91	·91	·91	·92	·92	92	·92	·87	·79	·69	·71	·69	·68	·57	·69	·68	·815
10	·71	·73	·79	·79	·80	·81	·83	·84	·83	·83	·83	·87	·90	·90	·91	·87	·78	·67	·61	·61	·62	·62	·67	·67	·770
11	·66	·69	·71	·72	·72	·76	·77	·75	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·87	·90	·90	·90	·88	·89	·85	·78	·68	·62	·64	·64	·64	·65	·66	·755
13	·69	·73	·76	·78	·83	·85	·89	·90	·99	·96	·94	·94	·93	·92	·93	·89	·79	·69	·61	·59	·59	·61	·57	·63	·793
14	·64	·73	·76	·80	·82	·86	·89	·90	·89	·91	·93	·92	·91	·91	·91	·83	·76	·66	·64	·61	·61	·60	·61	·62	·781
15	·65	·72	·78	·61	·82	·80	·87	·87	·88	·90	·92	·92	·91	·91	·91	·88	·75	·59	·55	·56	·56	·58	·58	·60	·763
16	·63	·70	·77	·79	·83	·86	·88	·89	·90	·91	·92	·92	·91	·90	·90	·82	·76	·67	·51	·62	·57	·43	·43	·50	·755
17	·55	·66	·74	·76	·79	·82	·83	·88	·88	·92	·97	·94	·90	·85	·88	·76	·77	·66	·62	·60	·58	·59	·58	·60	·755
18	·64	·69	·74	·77	·79	·74	·79	·61	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·84	·84	·84	·84	·85	·86	·80	·65	·63	·58	·56	·59	·55	·56	·58	·725
20	·59	·63	·66	·70	·71	·76	·77	·80	·81	·81	·82	·84	·85	·86	·86	·75	·73	·70	·70	·57	·65	·66	·68	·70	·738
21	·71	·76	·79	·81	·82	·86	·85	·91	·87	·87	·87	·89	·90	·91	·87	·85	·79	·73	·70	·70	·72	·68	·68	·69	·801
22	·71	·77	·80	·82	·84	·82	·82	·83	·81	·85	·89	·90	·90	·91	·90	·85	·82	·74	·68	·66	·66	·63	·64	·65	·788
23	·68	·74	·79	·80	·82	·84	·83	·84	·88	·89	·90	·91	·91	·91	·90	·82	·79	·72	·69	·68	·68	·66	·67	·70	·794
24	·72	·74	·80	·81	·82	·85	·88	·86	·89	·90	·91	·92	·93	·92	·93	·87	·80	·67	·66	·63	·65	·61	·62	·66	·794
25	·73	·78	·82	·82	·83	·86	·88	·88	·91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·92	·93	·94	·94	·93	·91	·86	·78	·68	·67	·62	·65	·66	·65	·66	·805
27	·71	·75	·79	·83	·84	·86	·89	·89	·91	·91	·91	·91	·91	·91	·92	·88	·76	·68	·66	·67	·66	·65	·66	·70	·803
28	·73	·76	·80	·83	·84	·85	·87	·87	·88	·90	·93	·93	·92	·91	·91	·84	·75	·69	·66	·66	·66	·64	·67	·70	·800
29	·72	·76	·79	·82	·83	·82	·84	·82	·86	,88	·91	·91	·90	·91	·90	·84	·74	·64	·56	·59	·60	·62	·64	·70	·775
30	·77	·79	·82	·62	·81	·79	·86	1·00	·74	·76	·82	·85	·88	·88	·87	·79	·70	·61	·54	,59	·60	·51	·64	·68	·760
31	·72	·75	·78	·80	·79	·80	·83	·84	·88	·90	·93	·93	·92	·91	·90	·85	·78	·67	·67	·64	·64	·64	·66	·68	·788
Means.	·676	·729	·777	·797	·814	·830	·852	·871	·878	·888	·902	·907	·907	·903	·903	·849	·767	·676	·631	·619	·621	·612	·617	·641	·778

TENSION OF THE ATMOSPHERIC VAPOUR. MARCH 1854.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·917	0·833	0·819	0·829	0·830	0·815	0·765	0·741	0·707	0·699	0·691	0·688	0·673	0·653	0·656	0·734	0·718	0·714	0·596	0·535	0·604	0·627	0·596	0·616	0·707
2	·662	·714	·806	·805	·792	·785	·774	·766	·754	·733	·713	·700	·686	·683	·689	·718	·747	·776	·757	·656	·730	·675	·550	·561	·718
3	·625	·670	·703	·710	·723	·744	·738	·730	·720	·703	·687	·667	·647	·624	·631	·706	·751	·744	·765	·760	·727	·707	·726	·726	·706
4	·773	·765	·750	·753	·769	·776	·787	·782	·780	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·800	·820	·812	·803	·783	·798	·856	·823	·774	·806	·794	·773	·783	·756	·715	·785
6	·771	·759	·776	·776	·753	·759	·761	·761	·770	·755	·741	·724	·707	·687	·697	·772	·768	·744	·732	·749	·737	·764	·783	·761	·750
7	·763	·803	·800	·616	·822	·817	·842	·835	·825	·804	·784	·786	·787	·777	·786	·852	·842	·809	·783	·848	·853	·868	·845	·872	·618
8	·672	·905	·907	·911	·919	·915	·920	·907	·899	·872	·845	·828	·810	·816	·817	·834	·836	·834	·825	·810	·830	·857	·872	·888	·864
9	·891	·892	·879	·674	·888	·884	·871	·867	·864	·850	·835	·827	·818	·806	·824	·872	·882	·854	·888	·875	·861	·853	·872	·850	·862
10	·848	·842	·850	·834	·833	·837	·837	·830	·814	·801	·788	·784	·779	·757	·782	·830	·794	·730	·719	·733	·747	·770	·793	·775	·796
11	·757	·759	·746	·732	·733	·748	·756	·741	·763	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·735	·708	·706	·704	·703	·719	·757	·783	·761	·741	·800	·804	·805	·815	·803	·753
13	·795	·792	·802	·796	·801	·786	·777	·762	·629	·786	·743	·733	·723	·697	·707	·776	·811	·780	·759	·772	·790	·810	·762	·801	·775
14	·772	·808	·791	·806	·811	·828	·789	·779	·756	·754	·752	·732	·712	·712	·724	,729	·772	·746	·769	·766	·770	·762	·768	·761	·765
15	·758	·778	·768	·792	·797	·779	·774	·749	·729	·720	·712	·694	·675	·654	·654	·726	·735	·672	·653	·683	·705	·725	·732	·721	·725
16	·727	·747	·773	·777	·782	·797	·781	·772	·745	·741	·737	·724	·710	·703	·702	·731	·766	·742	·720	·744	·730	·566	·577	·646	·727
17	·670	·724	·750	·742	·750	·735	·724	·723	·702	·710	·718	·680	·642	·610	·634	·647	·765	·732	·717	·713	·697	·717	·703	·702	·704
18	·726	·721	·732	·741	·746	·709	·739	·741	·761	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·718	·672	·675	·677	·672	·694	·730	·682	·686	·651	·650	·685	·663	·669	·675	·701
20	·666	·679	·663	·675	·670	·636	·629	·625	·619	·610	·601	·602	·603	·601	·623	·643	·743	·777	·797	·786	·786	·803	·806	·820	·686
21	814	·823	·829	·833	·838	·865	·855	·864	·860	·857	·855	·838	·820	·809	·800	·847	·862	·836	·855	·875	·875	·839	·831	·824	·842
22	·841	·834	·833	·853	·871	·830	·825	·825	·805	·805	·806	·782	·757	·767	·769	·820	·856	·839	·829	·835	·840	·813	·833	·824	·821
23	·835	·849	·856	·843	·854	·865	·857	·842	·847	·834	·821	·809	·797	·782	·802	·813	·862	·862	·878	·875	·881	·867	·882	·853	·844
24	·852	·847	·859	·855	·848	·865	·876	·852	·849	·835	·822	·813	·804	·792	·802	·838	·889	·823	·841	·825	·835	·820	·819	·852	·838
25	·885	·891	·860	·867	·871	·881	·867	·836	·832	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·810	·788	·789	·789	·807	·816	·852	·854	·807	·839	·802	·843	·843	·824	·836	·838
27	·841	·842	·835	·845	·844	·821	·808	·777	·782	·770	·759	·739	·759	·741	·770	·842	·841	·824	·841	·847	·859	·862	·847	·880	·817
28	·877	·859	·859	·874	·870	·865	·881	·868	·870	·866	·862	·841	·820	·810	·826	·872	·867	·854	·842	·860	·849	·856	·857	·877	·858
29	·876	·866	·858	·865	·869	·851	·866	·844	·864	·871	·878	·852	·826	·809	·846	·870	·867	·833	·786	·813	·820	·832	·852	·884	·850
30	·913	·911	·913	·909	·886	·856	·930	·963	·732	·772	·813	·787	·760	·752	·754	·757	·771	·719	·684	·746	·785	·794	·822	·850	·816
31	·874	·869	·865	·862	·847	·845	·862	·867	·867	·858	·849	·839	·828	·816	·842	·888	·904	·845	·871	·862	·856	·868	·876	·875	·860
Means.	·796	·806	·812	·814	·815	·811	·811	·802	·791	·760	·770	·756	·745	·734	·747	·789	·809	·782	·776	·776	·788	·783	·780	·787	·786

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily Means.

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HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. APRIL 1854.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.14.	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.14	h. m. 2.41	h. m. 3.41	
										*		*													
1	0·69	0·72	0·76	0·78	0·80	0·77	0·82	0·83	0·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·86	0·86	0·86	0·66	0·88	0·88	0·82	0·76	0·75	0·66	0·65	0·67	0·68	0·71	0·68	0·776
3	·70	·72	·72	·73	·75	·78	79·	·81	·85	·86	·88	·89	·89	·90	·87	·82	·70	·61	·62	·63	·64	·63	,62	·65	·753
4	·68	·72	·75	·79	·79	·77	·79	·82	·84	·85	·86	·88	·89	·90	·88	·79	·71	·61	·62	·61	·63	·60	,59	·60	·749
5	·62	·65	·71	·77	·79	·79	·80	·82	·84	·85	·87	·90	·92	·90	·89	·79	·70	·65	·61	·67	·65	·66	,65	·66	·757
6	·70	·75	·82	·84	·67	·88	·87	·89	·91	·91	·92	·93	·94	·94	·89	·80	·72	·63	·57	·64	·59	·66	,67	·69	·793
7	·72	·80	·84	·89	·89	·92	·90	·92	·93	·94	·95	·94	·92	·87	·84	·77	·63	·68	·66	·66	·63	·64	,66	·68	·803
8	·71	·79	·84	·87	·88	·84	·83	·67	·98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·90	·83	·85	·87	·88	·86	·78	·73	·63	·52	·56	·55	·53	·59	·62	·763
10	·69	·79	·85	·88	·66	·87	·88	·88	·88	·88	·88	·90	·91	·90	·66	·79	·63	·53	·55	·58	·56	·58	·62	·66	·767
11	·72	·80	·84	·86	·86	·88	·89	·89	·88	·88	·69	·89	·89	·90	·88	·75	·69	·70	·64	·61	·60	·59	·59	·63	·782
12	·65	·74	·76	·82	·83	·62	·84	·88	·88	·88	·88	·87	·86	·89	·86	·78	·69	·70	·66	·62	·64	·60	·64	·69	·770
13	·71	·78	·82	·83	·81	·84	·86	·87	·89	·89	·90	·91	·92	·94	·86	·79	·72	·60	·58	·61	·63	·65	·67	·68	·782
14	·72	·77	·80	·81	·82	·84	·84	·85	·84	·82	·61	·81	·81	·83	·83	·77	·66	·57	·54	·59	·58	·57	·61	·67	·740
15	·71	·76	·78	·81	·81	·83	·80	·63	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·84	·85	·86	·87	·88	·85	·83	·75	·71	·67	·65	·65	·65	·68	·75	·777
17	·78	·83	·63	·76	·79	·79	·81	·81	·82	·82	·63	·84	·85	·88	·86	·76	·72	·63	·48	·43	·53	·60	·61	·66	·739
18	·68	·75	·81	·82	·84	·86	·86	·84	·85	·86	·87	·69	·91	·92	·90	·81	·67	·61	·60	·63	·64	·66	·67	·73	·778
19	·75	·80	·87	·85	·93	·86	·88	·88	·89	·89	·90	·90	·90	·92	·88	·75	·66	·58	·61	·60	·59	·60	·60	·61	·779
20	·66	·73	·77	·81	·82	·83	·86	·88	·90	·91	·92	·92	·91	·91	·86	·79	·71	·62	·55	·55	·52	·63	·65	·72	·768
21	·79	·84	·85	·67	·89	·90	·91	·91	·92	·91	·91	·91	·90	·91	·87	·71	·53	·46	·41	·38	·31	·29	·31	·36	·710
22	·49	·65	·69	·75	·84	·84	·84	·86	·80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·81	·82	·80	·78	·79	·72	·63	·54	·44	·41	·36	·30	·30	·46	·52	·643
24	·58	·66	·77	·79	·80	·80	·81	·80	·80	·79	·78	·80	·82	·85	·79	·68	·54	·46	·48	·54	·53	·55	·53	·60	·690
25	·65	·77	·79	·82	·80	·75	·76	·78	·83	·83	·83	·64	·84	·85	·84	·74	·64	·55	·50	·58	·59	·63	·64	·66	·730
26	·74	·62	·81	·81	·76	·71	·72	·76	·77	·79	·81	·84	·86	·89	·86	·77	·60	·48	·55	·61	·62	·63	·61	·56	·725
27	·63	·66	·74	·77	·77	·73	·72	·71	·78	·79	·81	·83	·84	·88	·80	·75	·66	·64	·65	·65	·64	·65	·66	·69	·727
28	·72	·77	·80	·77	·76	·80	·79	·78	·79	·76	·74	·74	·73	·76	·74	·71	·61	·51	·46	·50	·57	·60	·58	·61	·693
29	·71	·80	·84	·86	·88	·87	·88	·88	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·84	·80	·83	·86	·84	·77	·69	·59	·61	·61	·56	·56	·58	·59	·63	·748
Means.	·688	·755	·794	·815	·827	·823	·830	·842	·858	·854	·856	·865	·870	·880	·846	·763	·662	·598	·568	·579	·577	·590	·608	·641	·750

TENSION OF THE ATMOSPHERIC VAPOUR. APRIL 1854

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
										*		*													
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·865	0·852	0·856	0·866	0·870	0·826	0·867	0·862	0·859	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·864	0·870	0·865	0·819	0·869	0·883	0·868	0·875	0·879	0·845	0·866	0·873	0·900	0·923	0·877	0·869
3	·874	·661	·817	·817	·623	·835	·832	·837	·846	·841	·836	·626	·816	·799	·814	·850	·628	·821	·816	·874	·862	·853	·828	·841	·835
4	·842	·852	·845	·856	·846	·821	·828	·627	·846	·831	·817	·817	·616	·813	·851	·855	·844	·795	·836	·841	·868	·845	·842	·826	·836
5	·822	·795	·816	·848	·857	·852	·860	·867	·870	·864	·858	·853	·847	·624	·650	·865	·857	·864	·881	·926	·931	·939	·929	·927	·867
6	·934	·939	·940	·939	·949	·951	·910	·921	·936	·929	·923	·913	·902	·883	·886	·903	·898	·873	·869	·920	·917	·946	·936	·952	·920
7	·963	·981	·970	·986	·982	·987	·966	·962	·972	·951	·931	·914	·697	·847	·842	·867	·801	·939	·960	·972	·948	·951	·967	·958	·938
8	·960	·976	·986	·987	·986	·934	·919	·940	·976	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·929	·883	·882	·880	·882	·926	·936	·951	·917	·841	·893	·886	·842	·884	·905	·921
10	·968	·994	1·012	1·016	·986	·982	·988	·976	·972	·958	·944	·952	·960	·948	·937	·929	·847	·797	·853	·879	·873	·886	·909	·954	·938
11	982	1·008	0·994	0·990	1·005	·996	·999	·993	·979	·984	·990	·986	·982	·994	1·006	·964	·913	·975	·961	·925	·901	·904	·871	·891	·966
12	·902	0·986	·914	·945	0·961	·938	·941	·976	·975	·971	·967	·950	·932	·952	0·971	·959	·919	·961	·937	·939	·920	·907	·936	·961	·945
13	·950	·974	·970	·967	·927	·940	·948	·963	·974	·966	·959	·955	·951	·958	·954	·951	·935	·875	·888	·905	·919	·940	954	·948	·945
14	·959	·956	·942	·928	·926	·934	·937	·947	·939	·931	·923	·914	·905	·920	·943	·937	·906	·862	·872	·904	·879	·865	·900	·962	·920
15	·963	·954	·943	·949	·953	·956	·922	·961	·960	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·950	·940	·941	·941	·942	·959	·996	·965	·960	·960	·947	·956	·952	·966	·992	·955
17	1·020	1·014	·972	·910	·910	·906	·914	·914	·926	·924	·922	·928	·934	·956	·967	·940	·930	·909	·792	·761	·883	·931	·919	·948	·922
18	0·950	0·958	·985	·973	·990	·994	·989	·967	·949	·948	·947	·965	·983	·984	·998	·959	·927	·876	·675	·917	·946	·978	·988	·984	·960
19	1·003	1·011	1·026	·981	·997	·978	·974	·974	·967	·957	·948	·941	·934	·945	·949	·913	·886	·810	·693	·887	·899	·896	·905	·689	·940
20	0·981	0·934	0·912	·954	·945	·958	·959	·942	·941	·941	·941	·919	·897	·891	·893	·900	·886	·838	·816	·847	·895	·948	·958	1·004	·920
21	1·019	1·022	1·008	1·004	1·013	1·017	1·011	1·016	1·026	1·016	1·007	·993	·978	·976	·969	·863	·729	·729	·719	·702	·617	·626	·655	0·717	·893
22	0·921	0·927	0·913	0·965	·022	·006	·000	0·986	0·920	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	0·922	0·925	·889	·852	·851	·833	·621	·797	·736	·745	·721	·646	·658	·809	·862	·859
24	·889	·924	·980	·975	0·960	0·952	0·965	·936	·920	·908	·896	·897	·897	·904	·908	·879	·789	·762	·781	·879	·886	·886	·862	907	·698
25	·950	·999	·981	·986	·969	·903	·900	·899	·931	·926	·922	·911	·900	·909	·942	·935	·901	·876	·849	·925	·924	·933	·938	·941	·927
26	·990	1·017	·953	·935	·886	·820	·828	·846	·843	·859	·875	·873	870	·914	·945	·930	·814	·736	·625	·894	·915	·919	·899	·851	·885
27	863	0·855	·667	·878	·872	·826	·805	·795	·853	·857	·862	·859	·856	·876	·878	·892	·852	·875	·898	·898	·903	·928	·929	·935	·871
28	·940	·940	·919	·878	·883	·896	·882	·858	·834	·803	·772	·758	·743	·771	·798	·638	·807	.766	·766	·846	·890	·899	·878	·887	·844
29	·950	·980	·975	·978	·973	·959	·954	·945	·925	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·881	·837	·866	·894	·879	·876	·854	·793	·841	·849	·800	·622	·829	·844	·860	·890
Means.	·932	·946	·941	·940	·940	·927	·924	·924	·926	·916	·908	·903	·897	·890	·911	·905	·866	·851	·853	·875	·878	·886	·697	·911	·907

* The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. MAY 1854.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·65	0·74	0·78	0·80	0·80	0·80	0·79	0·81	0·86	0·86	0·86	0·87	0·87	0·88	0·86	0·76	0·71	0·67	0·64	0·59	0·58	0·59	0·61	0·63	0·750
2	·66	·73	·75	·77	·76	·76	·80	·82	·80	·81	·83	·81	·79	·82	·75	·68	·62	·61	·60	·58	·67	·56	·58	·69	·713
3	·62	·63	·69	·70	·72	·73	·76	·76	·80	·83	·86	·87	·87	·87	·81	·73	·69	·59	·59	·56	·56	·54	·54	·59	·705
4	·60	·65	·72	·75	·76	·79	·81	·80	·80	·82	·84	·86	·87	·88	·77	·76	·66	·64	·61	·58	·61	·64	·65	·66	·730
5	·70	·68	·77	·78	·79	·80	·83	·84	·84	·86	·88	·90	·91	·89	·84	·75	·66	·64	·63	·60	·59	·64	·66	·65	·755
6	·66	·72	·76	·78	·79	·81	·82	·82	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·84	·85	·86	·86	·88	·83	·77	·66	·63	·59	·61	·58	·67	·62	·65	·742
8	·66	·69	·75	·77	·79	·80	·80	·80	·80	·80	·81	·83	·84	·82	·77	·71	·60	·61	·63	·60	·59	·67	·61	·62	·720
9	·63	·60	·78	·79	·82	·84	·86	·88	·84	·84	·84	·86	·87	·85	·78	·71	·62	·56	·61	·63	·64	·60	·59	·62	·740
10	·67	·75	·83	·84	·85	·88	·88	·86	·87	·86	·85	·86	·87	·84	·77	·71	·63	·56	·55	·53	·53	·55	·55	·61	·738
11	·63	·70	·77	·79	·79	·81	·82	·83	·84	·86	·88	·90	·91	·90	·82	·73	·69	·65	·63	·62	·58	·56	·55	·59	·744
12	·66	·64	·71	·75	·75	·82	·77	·78	·78	·80	·82	·85	·87	·85	·79	·73	·65	·61	·61	·60	·60	·62	·63	·63	·722
13	·67	·70	·73	·74	·76	·76	·77	·77	·78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·82	·86	·87	·88	·88	·80	·71	·63	·57	·56	·55	·58	·59	·61	·63	·717
15	·69	·72	·77	·77	·81	·81	·82	·84	·84	·86	·88	·89	·90	·91	·82	·71	·61	·55	·56	·61	·60	·56	·61	·67	·743
16	·70	·71	·77	·79	·79	·80	·79	·81	·83	·83	·84	·87	·90	·89	·80	·71	·61	·53	·55	·59	·57	·58	·62	·66	·731
17	·69	·69	·76	·76	·76	·78	·77	·80	·82	·83	·84	·86	·88	·87	·78	·69	·62	·63	·56	·58	·63	·61	·64	·65	·729
18	·68	·66	·74	·74	·76	·76	·77	·77	·82	·83	·84	·86	·88	·88	·79	·73	·66	·56	·67	·63	·53	·50	·52	·53	·705
19	·56	·66	·73	·74	·74	·76	·77	·78	·80	·82	·84	·86	·67	·86	·83	·68	·50	·62	·49	·53	·56	·56	·56	·58	·697
20	·67	·73	·79	·80	·81	·81	·82	·82	·81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·83	·85	·87	·88	·88	·81	·73	·62	·55	·56	·60	·57	·66	·54	·54	·728
22	·57	·60	·66	·71	·73	·76	·77	·70	·77	·77	·78	·79	·80	·80	·77	·72	·56	·46	·39	·54	·68	·60	·63	·69	·676
23	·67	·75	·78	·80	·83	·81	·81	·81	·82	·85	·88	·89	·89	·89	·77	·61	·53	·45	·43	·42	·50	·55	·66	·67	·703
24	·59	·61	·71	·74	·72	·65	·63	·63	·62	·60	·58	·68	·58	·61	·57	·49	·43	·41	·36	·42	·48	·48	·49	·47	·560
25	·45	·67	·77	·80	·82	·85	·85	·75	·72	·72	·73	·73	·73	·72	·60	·49	·46	·41	·38	·36	·35	·33	·46	·48	·605
26	·54	·64	·63	·48	·48	·53	·64	·56	·61	·64	·67	·65	·62	·62	·63	·51	·42	·40	·39	·35	·29	·28	·29	·30	·503
27	·56	·65	·68	·72	·70	·70	·71	·69	·71	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·64	·57	·57	·56	·56	·55	·50	·47	·41	·38	·34	·32	·29	·27	·47	·643
29	·67	·70	·73	·74	·76	·72	·72	·72	·70	·66	·62	·60	·58	·56	·54	·50	·46	·41	·40	·38	·33	·43	·51	·54	·678
30	·66	·76	·79	·76	·73	·71	·70	·71	·72	·69	·66	·63	·60	·59	·55	·49	·45	·39	·36	·33	·33	·32	·48	·50	·560
31	·60	·73	·76	·76	·74	·71	·70	·70	·71	·70	·70	·70	·70	·70	·62	·55	·49	·45	·42	·38	·33	·32	·47	·56	·605
Means.	·630	·686	·746	·754	·762	·769	·773	·775	·783	·786	·795	·803	·807	·804	·741	·661	·585	·537	·521	·519	·518	·520	·551	·581	·684

TENSION OF THE ATMOSPHERIC VAPOUR. MAY 1854.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·887	0·900	0·929	0·921	0·920	0·919	0·909	0·901	0·911	0·880	0·876	0·873	0·874	0·887	0·939	0·924	0·896	0·885	0·877	0·826	0·836	0·841	0·832	0·879	0·888
2	·881	·900	·876	·900	·898	·881	·889	·898	·891	·879	·868	·848	·828	·856	·843	·820	·775	·806	·802	·778	,773	·778	·789	·793	·844
3	·799	·769	·789	·776	·802	·802	·819	·816	·802	·798	·795	·791	·786	·773	·798	·808	·824	·772	·803	·785	,790	·769	·791	·813	·795
4	·812	·835	·858	·874	·880	·802	·901	·893	·891	·887	·884	·882	·880	·876	·876	·925	·889	·867	·858	·836	,876	·919	·928	·932	·881
5	·918	·879	·915	·919	·911	·920	·934	·931	·933	·922	·911	·906	·906	·886	·905	·919	·854	·862	·891	·873	,870	·923	·921	·919	·906
6	·913	·913	·932	·931	·924	·937	·929	·928	·931	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·933	·935	·928	·921	·935	·949	·940	·906	·877	·860	·889	·851	·855	·887	·912	·914
8	·901	·880	·896	·906	·913	·919	·916	·918	·922	·907	·892	·898	·904	·879	·879	,865	·833	·872	·911	·906	·877	·884	·902	·908	·896
9	·881	·918	·950	·945	·956	·972	·984	·986	·964	·964	·964	·953	·941	·910	·898	·880	·858	·854	·905	·942	·936	·906	·870	·904	·927
10	·934	·964	·995	1·000	·997	1·006	1·002	·986	·969	·958	·947	·940	·933	·900	·909	·897	·858	·861	·828	·821	·814	·822	·834	·877	·919
11	·881	·917	·939	0·927	·929	0·937	0·940	·948	·933	·922	·911	·906	·900	·888	·926	·933	·903	·896	·891	·904	·867	·831	·826	·875	·906
12	·930	·900	·863	,892	·887	·954	·879	·873	·877	·870	·864	·863	·862	·830	·856	·890	·841	·845	·872	·873	·890	·908	·917	·906	·881
13	·930	·931	·896	·876	·868	·864	·869	·848	·860	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·883	·906	·898	·889	·877	·920	·903	·881	·836	·860	·853	·888	·891	·896	·905	·885
15	·944	·935	·927	·916	·926	·926	·926	·931	·931	·921	·911	·906	·901	·918	·932	·901	·851	·828	·839	·902	·910	·879	·917	·964	·910
16	·964	·959	·950	·942	·927	·928	·917	·923	·929	·926	·924	·922	·919	·891	·920	·891	·847	·792	·838	·886	·861	·877	·914	·942	·908
17	·970	·946	·934	·905	·897	·900	·878	·889	·867	·869	·871	·866	·861	·829	·881	·874	·852	·891	·829	·874	·935	·918	·943	·934	·892
18	·959	·933	·928	·895	·902	·904	·910	·910	·889	·879	·870	·880	·889	·869	·912	·900	·895	·822	·858	·827	·804	·779	·792	·793	·875
19	·818	·881	·895	·880	·869	·876	·883	·884	·913	·923	·933	·926	·916	·919	·949	·877	·847	·802	·792	·872	·905	·888	·925	·909	·887
20	·963	·984	·996	·902	·963	·981	·976	·960	·953	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·917	·882	·884	·885	·877	·923	·934	·867	·823	·859	·936	·923	·904	·851	·856	·922
22	·822	·816	·850	·855	·893	·917	·923	·906	·908	·909	·911	·906	·900	·890	·915	·942	·822	·797	·705	·926	·960	·959	·981	1·019	·894
23	·990	1·019	1·003	1·012	1·025	1·014	1·014	1,011	1·006	1·020	1·066	1·061	1·028	1·008	·942	·826	·798	·760	·765	·765	·874	·909	·928	0·916	·946
24	·904	0·914	0·931	0·889	0·923	0·840	0·789	0·772	0·738	0·703	0·673	0·673	0·677	0·702	·718	·687	·667	·703	·673	·717	·788	·615	·821	·781	·774
25	·747	·855	·999	1·019	1·034	1·036	1·032	·922	·893	·877	·861	·850	·838	·807	·731	·686	·687	·699	·692	·731	·742	·711	·862	·864	·841
26	·881	·931	·925	0·770	0·703	0·719	0·698	·706	·737	·750	·764	·723	·681	·682	·748	·676	·638	·650	·680	·680	·601	·631	·651	·654	·719
27	·969	·983	·946	·938	·910	·901	·893	·881	·887	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·819	·762	·747	·741	·743	·749	·732	·750	·731	·730	·715	·722	·660	·657	·654	·809
29	·893	·964	·963	·943	·953	·928	·923	·909	·911	·867	·823	·807	·700	·744	·739	·737	·737	·733	·759	·794	·728	·889	·898	·904	·847
30	·952	·990	·977	·937	·915	·912	·889	·892	·894	·874	·855	·818	·780	·764	·765	·738	·739	·716	·710	·706	·747	·729	·878	·866	·835
31	·932	1·000	1·011	·986	·968	·925	·909	·904	,921	·910	·900	·858	·876	·873	·825	·617	·824	·811	·806	·799	·739	·747	·679	·915	·852
Means.	·902	·919	·929	·918	·915	·916	·909	·901	·898	·868	·878	·871	·863	·852	·865	·849	·820	·807	·812	·830	·834	·838	·864	·862	·873

* The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means.

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HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. JUNE 1854.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·66	0·74	0·73	0·71	0·71	0·70	0·53	0·54	0·53	0·55	0·57	0·55	0·52	0·48	0·55	0·52	0·46	0·36	0·35	0·35	0·35	0·35	0·49	0·47	0·532
2	·48	·50	·64	·68	·68	·68	·73	·73	·71	·71	·72	·71	·69	·66	·58	·51	·47	·41	·37	·36	·39	·47	·49	·51	·578
3	·55	·62	·69	·69	·72	·68	·72	·70	·72	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·64	·57	·56	·59	·58	·55	·53	·47	·45	·41	·40	·44	·49	·59	·59	·582
5	·60	·63	·59	·72	·73	·67	·68	·68	·68	·68	·68	·69	·70	·67	·61	·53	·52	·48	·46	·43	·43	·42	·33	·54	·590
6	·50	·59	·70	·63	·60	·63	·67	·70	·77	·77	·78	·75	·71	·65	·61	·60	·56	·49	·45	·43	·44	·43	·44	·43	·599
7	·41	·63	·72	·72	·72	·72	·71	·73	·75	·74	·73	·66	·58	·56	·56	·53	·49	·45	·41	·37	·34	·35	·49	·58	·580
8	·65	·68	·77	·78	·75	·74	·73	·70	·63	·64	·66	·68	·70	·73	·68	·56	·49	·46	·40	·45	·41	·51	·58	·59	·524
9	·59	·62	·66	·74	·83	·83	·79	·82	·88	·88	·88	·90	·92	·86	·85	·85	·81	·72	·67	·58	·51	·49	·46	·46	·733
10	·55	·64	·68	·65	·84	·79	·86	·80	·80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·71	·62	·62	·62	·66	·61	·56	·50	·49	·46	·38	·40	·39	·39	·39	·600
12	·43	·68	·83	·78	·82	·84	·83	·84	·86	·89	·92	·91	·90	·88	·74	·64	·58	·53	·45	·41	·37	·35	·36	·31	·573
13	·33	·36	·57	·70	·70	·51	·62	·67	·57	·57	·58	·60	·62	·63	·61	·56	·48	·48	·41	·40	·35	·33	·29	·22	·506
14	·48	·58	·68	·81	·76	·73	·74	·74	·71	·63	·56	·56	·56	·55	·51	·49	·47	·44	·40	·38	·36	·33	·28	·53	·553
15	·52	·58	·68	·72	·75	·73	·72	·71	·60	·58	·57	·55	·52	·54	·53	·50	·47	·44	·40	·36	·34	·34	·34	·53	·543
16	·57	·64	·66	·68	·69	·75	·77	·81	·82	·82	·82	·77	·72	·66	·64	·57	·59	·53	·47	·46	·41	·39	·51	·56	·638
17	·60	·70	·78	·76	·82	·74	·76	·74	·77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·75	·73	·75	·77	·71	·62	·64	·58	·53	·47	·45	·44	·44	·56	·55	·653
19	·69	·71	·77	·80	·79	·78	·79	·75	·75	·74	·73	·73	·73	·67	·62	·53	·50	·46	·43	·42	·38	·38	·42	·54	·630
20	·61	·68	·74	·78	·79	·81	·79	·79	·75	·76	·77	·72	·67	·65	·56	·50	·48	·44	·39	·37	·35	·34	·42	·52	·512
21	·62	·65	·71	·74	·75	·75	·78	·77	·79	·76	·74	·72	·69	·61	·61	·52	·43	·41	·40	·45	·39	·42	·46	·51	·612
22	·57	·61	·70	·74	·74	·68	·68	·65	·68	·70	·73	·72	·71	·72	·74	·57	·51	·45	·43	·40	·38	·35	·49	·60	·606
23	·63	·66	·69	·78	·77	·76	·74	·79	·77	·75	·74	·74	·74	·57	·55	·54	·48	·50	·52	·48	·47	·55	·54	·61	·645
24	·68	·70	·73	·73	·75	·80	·80	·80	·80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·84	·88	·90	·91	·89	·91	·88	·81	·74	·69	·60	·63	·61	·70	·71	·774
26	·71	·70	·78	·62	·64	·85	·86	·86	·83	·83	·84	·83	·82	·83	·82	·71	·62	·53	·52	·52	·48	·45	·52	·61	·716
27	·63	·57	·76	·75	·81	·84	·84	·84	·84	·84	·84	·84	·84	·84	·79	·77	·70	·51	·53	·50	·49	·49	·54	·62	·714
28	·64	·71	·80	·70	·75	·75	·76	·73	·77	·76	·76	·80	·83	·85	·79	·73	·67	·55	·51	·41	·43	·54	·52	·55	·680
29	·63	·68	·72	·75	·75	·76	·76	·80	·75	·77	·80	·61	·62	·78	·78	·75	·77	·72	·65	·54	·57	·59	·62	·67	·719
30	·67	·71	·76	·80	·80	·81	·82	·77	·73	·75	·78	·78	·77	·80	·77	·73	·51	·56	·54	·57	·60	·51	·63	·64	·709
Means.	·577	·637	·713	·740	·757	·743	·749	·748	·741	·733	·731	·726	·717	·697	·661	·608	·558	·509	·469	·445	·429	·439	·479	·534	·631

TENSION OF THE ATMOSPHERIC VAPOUR. JUNE 1854.

	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·947	0·976	0·944	0·919	0·920	0·919	0·727	0·719	0·678	0·688	0·698	0·669	0·639	0·610	0·703	0·724	0·726	0·616	0·641	0·726	0·739	0·770	0·697	0·791	0·766
2	·799	·787	·869	·891	·875	·882	·935	·920	·901	·894	·857	·868	·849	·808	·771	·771	·774	·722	·718	·731	·754	·871	·858	·847	·833
3	·875	·896	·888	·917	·934	·901	·952	·917	·922	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·834	·746	·754	·762	·757	·745	·778	·768	·757	·756	·615	·893	·865	·943	·882	·844
5	·845	·843	·817	·961	·958	·821	·817	·815	·826	·813	·800	·813	·826	·794	·788	·734	·768	·759	·752	·762	·800	·812	·659	·902	·812
6	·772	·827	·940	·848	·706	·768	·802	·824	·899	·906	·914	·879	·844	·761	·757	·799	·764	·745	·718	·748	·752	·724	·745	·775	·803
7	·785	·899	·935	·924	·924	·903	·857	·880	·888	·871	·855	·777	·698	·680	·699	·709	·728	·717	·693	·677	·675	·680	·787	·846	·795
8	·921	·889	·946	·957	·936	·902	·893	·856	·893	·712	·731	·754	·777	·804	·795	·732	·694	·682	·670	·719	·726	·811	·877	·854	·805
9	·781	·808	·777	·817	·893	·892	·861	·888	·911	·911	·911	·920	·928	·865	·873	·909	·943	·919	·905	·834	·787	·802	·802	·797	·864
10	·854	·853	·852	·801	·933	·850	·875	·802	·802	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·759	·717	·715	·712	·758	·762	·743	·723	·735	·734	·679	·674	·664	·690	·684	·766
12	·759	·849	·925	·882	·915	·885	·868	·894	·896	·909	·922	·912	·901	·895	·799	·804	·788	·763	·702	·687	·672	·600	·688	·628	·817
13	·657	·575	·875	·951	·922	·703	·814	·856	·742	·723	·704	·710	·715	·729	·736	·750	·697	·726	·657	·695	·655	·655	·589	·581	·730
14	·790	·866	·901	·983	·943	·910	·904	·929	·886	·801	·717	·695	·673	·647	·651	·678	·671	·691	·667	·667	·663	·626	·585	·845	·766
15	·812	·839	·889	·887	·910	·889	·895	·880	·749	·722	·696	·665	·634	·650	·657	·686	·670	·691	·673	·648	·623	·676	·707	·846	·750
16	·828	·884	·870	·875	·887	·895	·910	·935	·940	·935	·930	·883	·835	·758	·775	·775	·852	·798	·756	·767	·749	·720	·836	·864	·844
17	·874	·957	·966	·911	·970	·874	·900	·872	·884	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·864	·845	·847	·848	·790	·759	·833	·804	·765	·744	·763	·758	·781	·831	·825	·844
19	·911	·902	·918	·931	·929	·911	·927	·879	·881	·869	·857	·847	·837	·763	·735	·715	·719	·707	·695	·690	·682	·696	·752	·800	·815
20	·864	·912	·937	·952	·929	·941	·920	·921	·887	·882	·878	·839	·799	·770	·719	·693	·708	·688	·639	·646	·647	·675	·736	·810	·808
21	·903	·921	·915	·915	·915	·910	·933	·907	·923	·895	·867	·835	·802	·759	·764	·731	·639	·645	·652	·784	·711	·742	·777	·835	·820
22	·872	·866	·917	·947	·937	·848	·812	·810	·847	·868	·859	·866	·842	·825	·867	·799	·779	·748	·724	·721	·725	·690	·780	·865	·828
23	·901	·909	·906	·973	·950	·929	·899	·933	·907	·888	·869	·869	·868	·816	·658	·712	·683	·757	·784	·731	·747	·810	·792	·852	·841
24	·881	·884	·882	·875	·888	·920	·913	·912	·891	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·848	·806	·828	·850	·847	·885	·913	·916	·931	·904	·912	·869	·851	·932	·915	·886
26	·890	·896	·868	·921	·906	·922	·926	·905	·868	·855	·842	·834	·825	·840	·865	·864	·808	·732	·755	·779	·743	·748	·834	·885	·847
27	·885	·872	·931	·905	·871	·842	·870	·865	·876	·873	·870	·870	·870	·870	·892	·899	·878	·827	·787	·776	·801	·792	·858	·905	·862
28	·919	·960	·974	·820	·896	·871	·890	·838	·848	·833	·819	·830	·840	·853	·897	·928	·905	·798	·781	·724	·711	·836	·827	·846	·852
29	·908	·911	·897	·931	·905	·924	·928	·920	·828	·845	·863	·860	·855	·828	·845	·820	·878	·891	·870	·791	·828	·852	·876	·894	·873
30	·886	·894	·899	·934	·925	·934	·935	·878	·839	·831	·824	·813	·801	·826	·827	·838	·824	·784	·761	·828	·865	·875	·893	·926	·860
Means.	·851	·876	·902	·909	·913	·882	·884	·875	·854	·840	·825	·814	·801	·781	·779	·782	·773	·754	·735	·742	·740	·757	·791	·827	·820

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily Means.

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HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. JULY 1854.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·67	0·71	0·75	0·77	0·77	0·78	0·77	0·79	0·75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·79	0·83	0·81	0·78	0·77	0·66	0·63	0·61	0·59	0·59	0·55	0·54	0·54	0·54	0·52	0·688
3	·58	·72	·75	·70	·76	·77	·80	·91	·89	·88	·88	·89	·90	·80	·76	·73	·69	·63	·60	·56	·54	·51	·53	·59	·724
4	·60	·79	.87	·89	·90	·90	·88	·93	·97	·92	·88	·86	·84	·81	·84	·78	·69	·60	·58	·56	·53	·48	·49	·45	·752
5	·46	·48	·71	·77	·71	·74	·72	·84	·60	·60	·61	·62	·63	·66	·63	·57	·56	·56	·53	.50	·49	·44	·43	·64	·604
6	·73	·73	·83	·82	·82	·77	·84	·88	·92	·84	·77	·76	·74	·75	·75	·70	·64	·61	·56	·54	·50	·48	·61	·62	·717
7	·70	.77	·79	·81	·80	·83	·83	·74	·83	·88	·94	·94	·93	·94	·94	·81	·72	·63	·62	·60	·67	·63	·69	·74	·783
8	·76	78	·81	·84	·84	·82	·82	·81	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·84	·86	·87	·88	·82	·85	·88	·91	·89	·81	·75	·75	·74	·74	·84	·822
10	·81	·82	·85	·87	·85	·86	·87	·87	·84	·88	·92	·92	·91	·87	·90	·88	·82	·75	·69	·64	·60	·71	·84	·82	·825
11	·83	·82	·84	.84	·84	·82	·84	·84	·87	·87	·87	·67	·87	·90	·83	·82	·74	·69	·61	·61	·58	·57	·53	·56	·769
12	·51	·56	·58	·59	·61	·65	·64	·62	·62	·64	·67	·67	·67	·71	·75	·72	·67	·65	·61	·54	·54	·53	·59	·62	·623
13	·61	·59	·59	·80	·86	·78	·79	·81	·72	·73	·74	·76	·77	·76	·80	·75	·74	·68	·64	·62	·65	·62	·60	·64	·710
14	·59	·60	·62	·81	·90	·92	·90	·82	·83	·82	·81	·82	·82	·85	·82	·81	·78	·73	·70	·67	·67	·75	·71	·76	·771
15	·79	·84	·85	·85	·86	·86	·88	·95	·91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·84	·78	·82	·85	·85	·83	·79	·72	·65	·59	·55	·51	·50	·48	·52	·753
17	·60	·70	·70	·72	·77	·64	·67	·69	·69	·70	·71	·72	·72	·74	·75	·74	·73	·65	·62	·56	·56	·53	·48	·51	·663
18	·59	·66	·63	·64	·69	·61	·65	·68	·69	·71	·74	·75	·76	·79	·76	·71	·69	·66	·62	·57	·51	·50	·52	·61	·656
19	·67	·68	·70	·74	·77	·88	·83	·76	·84	·78	·73	·77	·80	·76	·80	·73	·66	·62	·61	·60	·54	·47	·47	·46	·695
20	·46	·59	·70	·75	·76	·79	·79	·79	·73	·72	·71	·72	·73	·77	·75	·69	·67	·65	·60	·56	·53	·53	·52	·74	·677
21	·80	·83	·81	·77	·78	·79	·80	·82	·79	·76	·73	·80	·86	·73	·81	·77	·69	·64	·59	·55	·56	·56	·56	·61	·725
22	·58	·58	·83	·83	·86	·86	·87	·86	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·91	·98	·97	·96	·94	·90	·84	·79	·73	·60	·58	·53	·53	·77	·74	·787
24	·75	·75	·76	·84	·86	·86	·82	·80	·86	·83	·80	·80	·80	·82	·76	·73	·70	·64	·64	·53	·50	·50	·47	·49	·721
25	·52	·58	·61	·69	·71	·75	·76	·73	·73	·71	·70	·70	·70	·66	·72	·69	·64	·61	·61	·59	·57	·54	·49	·53	·648
26	·49	·51	·54	·55	·56	·58	·59	·65	·65	·66	·68	·68	·67	·70	·70	·63	·65	·59	·53	·51	·48	·42	·43	·66	·588
27	·63	·78	·83	·77	·78	·78	·78	·78	·78	·79	·80	·81	·82	·85	·70	·62	·59	·57	·50	·50	·46	·56	·58	·65	·696
28	·69	·72	·82	·81	·79	·75	·79	·79	·83	·85	·88	·87	·85	·73	·69	·60	·56	·55	·52	·48	·45	·51	·63	·65	·700
29	·71	·72	·80	·84	·84	·81	·81	·77	·76	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·77	·78	·80	·82	·78	·79	·74	·66	·60	·58	·59	·56	·54	·49	·51	·711
31	·51	·65	·77	·86	·90	·87	·84	·84	·85	·82	·79	·79	·79	·79	·78	·75	·69	·65	·65	·60	·58	·61	·60	·53	·730
Means.	·640	·691	·744	·776	·792	·787	·792	·800	·793	·790	·792	·800	·803	·790	·780	·735	·693	·647	·608	·573	·554	·550	·569	·616	·713

TENSION OF THE ATMOSPHERIC VAPOUR. JULY 1854.

	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·920	0·918	0·922	0·913	0·901	0·915	0·914	0·926	0·861	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·907	0·954	0·922	0·889	0·878	0·760	0·761	0·770	0·728	0·728	0·690	0·732	0·736	0·763	0·735	0·839
3	·780	·874	·876	·820	·883	·878	·865	·951	·873	·877	·882	·879	·876	·804	·799	·808	·795	·763	·781	·741	·762	·749	·776	·826	·830
4	·813	·857	·895	·897	·904	·956	·966	·950	·986	·935	·884	·857	·830	·812	·842	·848	·824	·791	·810	·829	·837	·784	·799	·775	·862
5	·751	·760	·916	·943	·883	·897	·874	·849	·710	·700	·691	·693	·695	·717	·694	·698	·731	·777	·772	·773	·805	·775	·757	·952	·784
6	1·001	·977	1·018	·984	·970	·942	·962	·913	·959	·901	·844	·808	·772	·770	·796	·826	·831	·820	·801	·800	·806	·820	·937	·959	·884
7	0·974	·992	0·972	·983	·956	·986	·984	·852	·922	·924	·927	·926	·925	·943	·999	1·006	·937	·883	·898	·907	·937	·967	1·023	1·054	·953
8	1·084	1·084	1·014	1·012	1·008	·972	·965	·939	·944	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·947	·951	·932	·913	·856	·839	0·874	·918	·886	·871	·863	·896	·917	0·999	·019	·942
10	0·992	0·956	0·950	0·959	0·941	.937	·940	·933	·900	·880	·861	·851	·841	·827	·862	·884	·909	·926	·938	·908	·874	·980	1·019	0·968	·918
11	·975	·956	·962	·941	·931	·864	·872	·867	·874	·863	·853	·854	·855	·877	·868	·918	·899	·901	·851	·882	·863	·872	0·844	·876	·888
12	·803	·814	·779	·777	·788	·793	·777	·747	·733	·737	·741	·740	·738	·763	·789	·802	·786	·831	·872	·817	·840	·830	·857	·876	·793
13	·820	·782	·758	·830	·873	·851	·863	·814	·767	·776	·785	·794	·803	·791	·830	·801	·827	·805	·828	·823	·880	·875	·874	·940	·825
14	·839	·818	·809	·848	·911	·924	·904	·839	·840	·829	·818	·817	·816	·841	·815	·814	·825	·809	·797	·767	·767	·828	·806	·813	·829
15	·829	·844	·833	·828	·824	·777	·795	·812	·822	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·797	·773	·789	·805	·805	·794	·801	·806	·794	·785	·777	·788	·772	·789	·807	·802
17	·847	·845	·828	·808	·826	·725	·741	·743	·750	·751	·752	·753	·754	·771	·783	·789	·808	·816	·823	·785	·831	·824	·760	·788	·788
18	·848	·862	·816	·810	·852	·737	·792	·775	·767	·789	·811	·815	·819	·841	·791	·794	·818	·858	·858	·864	·803	·823	·852	·924	·822
19	·944	·908	·866	·874	·923	·971	·922	·853	·900	·858	·816	·839	·861	·820	·861	·838	·824	·810	·807	·921	·870	·830	·833	·809	·867
20	·771	·887	·949	·977	·960	·965	·940	·946	·865	·855	·846	·843	·839	·848	·814	·854	·899	·897	·882	·861	·844	·925	·919	1·051	·893
21	1·078	1·063	·930	·903	·888	·902	·912	·894	·862	·835	·808	·842	·876	·788	.856	·848	·870	·887	·871	·795	·848	·890	·864	0·910	·884
22	0·867	0·868	1·050	1·000	1·016	·909	1·003	·993	·970	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·965	·960	·940	·920	·901	·904	·931	·962	·954	·875	·882	·838	·842	1·045	·943	·942
24	·943	·930	0·919	0·956	0·926	·957	0·909	·890	·952	·928	·905	·898	·891	·894	·819	·816	·856	·833	·862	·773	·758	·794	0·771	·799	·874
25	·836	·876	·849	·910	·925	·933	·901	·865	·866	·846	·826	·818	·810	·762	·834	·817	·806	·832	·878	·885	·879	·844	·792	·846	·852
26	·780	·779	·787	·766	·755	·748	·758	·824	·821	·820	·820	·804	·788	·797	·804	·773	·865	·854	·834	·818	·820	·742	·808	·969	·806
27	·894	·974	·978	·901	·897	·884	·877	·877	·867	·864	·861	·849	·836	·842	.769	·787	·811	·837	·800	·855	·797	·901	·884	·966	·867
28	·968	·939	·957	·943	·918	·891	·923	·917	·929	·935	·942	·926	·910	·810	.795	·756	·742	·768	·810	·785	·768	·865	·922	·942	·878
29	·942	·921	·982	·994	·990	·951	·942	·908	·876	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·880	·884	·887	·889	·835	·857	·868	·843	·817	·823	·873	·873	·883	·837	·880	·893
31	·854	·929	·971	·959	·835	·853	·847	·842	·873	·859	·846	·837	·828	·828	·829	·851	·824	·824	·849	·824	·852	·910	·902	·848	·861
Means.	·890	·899	·907	·905	·903	·893	·890	·874	·865	·856	·848	·843	·838	·824	·823	·820	·838	·835	·837	·827	·830	·845	·860	·895	·861

* The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. AUGUST 1854.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·51	0·66	0·77	0·81	0·82	0·81	0·73	0·72	0·67	0·70	0·73	0·74	0·75	0·72	0·78	0·74	0·63	0·57	·058	0·55	0·57	0·50	0·48	0·49	0·668
2	·49	·50	·61	·77	·69	·68	·74	·70	·69	·72	·75	·75	·75	·74	·73	·70	·66	·58	·58	·58	·51	·51	·50	·53	·644
3	·75	·76	·80	·88	·94	·86	·79	·79	·82	·81	·80	·80	·80	·83	·74	·68	·70	·68	·60	·61	·56	·55	·57	·68	·740
4	·78	·78	·82	·86	·86	·86	·87	·87	·87	·88	·90	·90	·89	·90	·88	·75	·69	67	·63	·62	·55	·57	·69	·71	·783
5	·72	·74	·81	·82	,82	·86	·87	·88	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·82	·79	·87	·94	·92	·83	·81	·75	·72	·63	·57	·54	·50	·59	·69	·765
7	·73	·76	·73	·73	·74	·70	·73	·73	·72	·75	·79	·79	·79	·84	·91	·88	·81	·75	·70	·60	·55	·52	·52	·53	·722
8	·68	·70	·76	·77	·71	·74	·74	·77	·79	·81	·84	·82	·80	·84	·80	·73	·66	·60	·55	·52	·53	·48	·49	·63	·698
9	65	·69	·78	·81	·81	·81	·81	·80	·89	·90	·92	·92	·91	·95	·92	·87	·77	·69	·65	·58	·56	·55	·65	·71	·776
10	·84	·84	·85	·90	·94	·96	·96	·93	·91	·93	96	·95	·93	·92	·93	·91	·80	·75	·75	·71	·68	·65	·64	·69	·847
11	·76	·82	·89	·91	·93	·95	·94	·94	·97	·96	·96	·96	·96	·96	·92	·89	·78	·68	·64	·62	·63	·60	·59	·57	·826
12	·57	·61	·66	·88	·91	·90	·88	·91	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·89	·91	·89	·86	·87	·83	·78	·66	·65	·62	·58	·51	·56	·53	·58	·763
14	·73	·76	·81	·80	·81	·82	·84	·80	·80	·82	·84	·86	·87	·89	·82	·71	·67	·62	·60	·56	·50	·52	·61	·69	·740
15	·70	·73	·77	·80	·79	·86	·85	·87	·78	·84	·90	·90	·89	·90	·89	·62	·74	·66	·61	·58	·62	·65	·66	·65	·769
16	·70	·72	·77	·80	·82	·83	·87	·85	·84	·83	·82	·82	·81	·83	·83	·77	·73	·71	·61	·58	·55	·56	·58	·62	·744
17	·67	·71	·76	·76	·77	·83	·82	·85	·84	·88	·92	·92	·91	·83	·80	·76	·68	·61	·61	·55	·59	·60	·60	·64	·746
18	·63	·75	·82	·83	·78	·80	·82	·78	·80	·81	·83	·83	·83	·65	·83	·77	·68	·62	·60	·61	·63	·69	·71	·69	·750
19	·72	·73	·78	·85	·85	·84	·84	·83	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·88	94	·95	·95	·95	·88	·82	·79	·71	·62	·60	·56	·65	·74	·71	·793
21	·69	·76	·84	·85	·86	·84	·84	·84	·87	·87	·67	·89	·90	·89	·82	·84	·75	·80	·79	·75	·74	·70	·64	·59	·801
22	·60	·80	·78	·83	·84	·87	·88	·90	·87	·87	·88	·87	·86	·86	·85	·84	·82	·81	·79	·66	·57	·60	·58	·69	·780
23	·70	·74	·82	·79	·80	·80	·82	·83	·83	·82	·82	·85	·87	·90	·90	·84	·81	·71	·62	·59	·63	·68	·63	·72	·772
24	·70	·73	·83	·83	·78	·80	·82	·85	·80	·80	·81	·83	·85	·88	·87	·77	·72	·70	·63	·57	·54	·66	,70	71	·758
25	·72	·77	·73	·75	·77	·78	·76	·76	·84	·84	·85	·87	·88	·87	·81	·77	·77	·73	·70	·62	·62	·65	·66	·67	·758
26	·70	·71	·78	·80	·62	·84	·86	·88	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·88	·91	·87	·83	·83	·85	·78	·72	·71	·67	·62	·62	·71	·74	·78	·782
28	·78	·85	·81	·82	·78	.80	·78	·78	·80	·81	·83	·84	·85	·86	·86	·78	·75	,73	·70	·67	·60	·71	·74	·79	·784
29	·83	·84	·85	·85	·84	·85	·84	·84	·87	·87	·87	·88	·88	·94	·92	·90	·85	·88	·84	·77	·75	·74	·74	·80	·843
30	·83	·84	·87	·88	·90	·92	·88	·88	·91	·91	·92	·92	·92	·86	·83	·84	·80	·68	·66	·67	·71	·70	·68	·62	·818
31	·69	·77	·79	·79	·80	·79	·72	·73	·80	·81	·82	·83	·84	·87	·86	·84	·73	·67	·63	·60	·58	·63	·63	·64	·744
Means.	699	·743	·796	·822	·821	·830	·826	·826	·830	·841	·859	·864	·864	·870	·848	·800	·738	·692	·652	·613	·596	·609	·626	·660	·764

TENSION OF THE ATMOSPHERIC VAPOUR. AUGUST 1854.

	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·830	0·903	0·940	0·939	0·957	0·939	0·951	0·840	0·817	0·827	0·827	0·837	0·827	0·777	0·947	0·830	0·811	0·800	0·800	0·654	0·888	0·819	0·827	0·856	0·654
2	·821	·800	833	·889	·860	·847	·868	·830	·825	·842	·859	841	·821	·913	·822	·844	·864	·809	·861	·922	·852	·871	·880	·919	·850
3	1·042	1·012	·974	·973	·895	·876	·857	·881	·894	·880	·866	·864	·861	·863	·707	·820	·874	·913	·847	·902	·856	·935	·956	1·001	·903
4	0·991	0·962	·974	·976	·948	·906	·900	·909	·900	·926	·943	·918	·893	·904	·921	·891	·850	·876	·874	·905	·862	·937	·903	0·917	·924
5	·973	·951	·988	·983	·960	1·002	·997	·973	·962	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·908	·855	·886	·916	·888	·814	·863	·882	·930	·891	·846	·843	·810	·925	·978	·919
7	·983	·983	·814	·808	·806	0·791	·836	·837	·813	·806	·800	·803	·806	·848	·891	·889	·884	·902	·921	·869	·835	·828	·837	·857	·853
8	·976	·875	·931	·923	·845	·869	·869	·878	·857	·903	·919	·890	·861	·847	·830	·809	·773	·756	·756	·765	·818	·780	·807	·896	·853
9	·859	·882	·950	·956	·968	·953	·926	·920	·777	·838	·900	·907	·914	·950	·932	·944	·937	·887	·896	·861	·839	·852	·918	·941	·906
10	·915	·902	·861	·882	·921	·898	·875	·853	·838	·845	·853	·848	·842	·842	·855	·891	·917	·903	·939	·924	·926	·906	·944	·972	·890
11	·955	·954	·893	·958	1·001	·867	·872	·887	·907	·908	·910	·907	·904	·908	·893	·899	·883	·852	·833	·861	·850	·848	·866	·843	·894
12	·853	·928	·914	·944	0·976	·972	·942	·951	·900	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·883	·858	·850	·841	·825	·819	·839	·788	·794	·800	·795	·782	·810	·791	·879	·865
14	·959	·951	·929	·922	·872	·831	·847	·830	·830	·839	·849	·852	·854	·866	·864	·831	·823	·808	·812	·800	·767	·794	·863	·918	·855
15	·909	·918	·909	·922	·900	·958	·947	·944	·853	·882	·911	·902	·893	·887	·931	·936	·895	·861	·856	·823	·879	·909	·922	·896	·902
16	·941	·946	·924	·931	·936	·934	·968	·940	·931	·912	·894	·854	·814	·814	·840	863	·865	·862	·793	·810	·801	·840	·874	·885	·882
17	·905	·919	·919	·902	·899	·964	·931	·940	·933	·913	·894	·882	·870	·786	·820	·847	·844	·818	·881	·842	·811	·876	·854	·856	·879
18	·889	·974	·981	·975	·837	·825	·836	·784	·801	·807	·814	·805	·796	·814	·820	·833	·800	·798	·801	·851	·878	·919	·942	·880	·853
19	·874	·865	·892	·819	·836	·822	·822	·820	·814	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·873	·936	·934	·931	·925	·950	·946	·960	·952	·861	·869	·848	·928	·986	·979	·890
21	·961	·989	1·001	1·008	·994	·962	·941	·932	·965	·952	·940	·956	·972	·955	·867	·884	·766	·788	·814	·837	·899	·916	·894	·843	·918
22	·873	·867	0·949	0·958	·943	·965	·955	·963	·940	·941	·942	·927	·911	·876	·882	·870	·882	·836	·828	·812	·757	·811	·837	·936	·894
23	·916	·937	·945	·916	·808	·797	·792	·797	·815	·807	·800	·815	·830	·856	·878	·900	·936	·897	·830	·845	·917	·819	·869	·907	·860
24	·899	·910	·964	·957	·844	·839	·842	·858	·830	·818	·806	·815	·823	·948	·875	·879	·866	·931	·853	·831	·840	·947	1·000	·979	·878
25	·962	·914	·843	·818	·823	·831	·810	·797	·870	·857	·845	·865	·884	·858	·799	·797	·775	·774	·816	·828	·865	·896	0·999	·949	·854
26	·969	·918	·943	·931	·944	·915	·951	·942	·936	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·959	·982	·920	·858	·846	·888	·911	914	·950	·949	·946	·961	1·009	·988	·981	·939
28	1·001	1·026	·977	·965	·892	·902	·858	·887	·889	·870	·851	·845	·839	·851	·884	·883	·902	·921	·925	·979	1·005	0·989	1·013	1·047	·925
29	·955	·919	·995	·979	·960	·972	·962	·962	·971	·952	·933	·922	·911	·905	·897	·881	·827	·852	·876	·879	0·997	·912	0·974	0·977	·935
30	0·986	0·964	·930	·944	·941	·947	·919	·911	·920	·907	·895	·891	·887	·838	·772	·818	·886	·818	·829	·874	·942	·974	·977	·933	·905
31	·978	·987	·946	·927	·944	·929	·835	·839	·859	·854	·850	·850	·849	·874	·890	·878	·835	·815	·848	·851	·866	·903	·904	·917	·885
Means.	·937	·940	·928	·920	·908	·902	·890	·885	·878	·878	·879	·874	·867	·861	·862	·871	·862	·857	·852	·850	·862	·883	·909	·927	·888

* The numbers in these Columns are not observed ; but interpolated for the sake of obtaining the daily Means.

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HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. SEPTEMBER 1854.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·69	0·72	0·80	0·80	0·81	0·83	·083	0·82	0·84	0·84	0·84	0·86	0·88	0·86	0·85	0·71	0·68	0·62	0·57	0·57	0·56	0·81	0·63	0·64	0·744
2	·76	·79	·80	·79	·81	·85	·86	·88	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·88	·87	·88	·88	·88	·88	·80	·70	·63	·58	·59	·59	·58	·54	·64	·765
4	·70	·76	·82	·78	·78	·80	·84	·84	·84	·88	·92	·91	·89	·80	·92	·89	·87	·82	·78	·75	·70	·71	·73	·73	·815
5	·79	·84	·87	·90	·88	·88	·88	·88	·88	·90	·92	·94	·95	·95	·93	·87	·75	·71	·71	·68	·64	·64	·66	·74	·825
6	·92	1·00	·90	·91	·87	·90	·92	·91	·91	·91	·91	·91	·91	·93	·92	·90	·87	·86	·84	·79	·76	·75	·75	·75	·875
7	·76	0·83	·87	·87	·86	·88	·89	·91	·88	·87	·87	·87	·87	·87	·86	·80	·81	·75	·73	·72	·68	·68	·67	·62	·812
8	·66	·70	·80	·80	·81	·93	·92	·95	·95	·93	·91	·92	·93	·93	·91	·93	·90	·84	·81	·77	·76	·77	·76	·73	·847
9	·75	·79	·85	·86	·85	·85	·84	·85	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·83	·63	·84	·85	·86	·63	·84	·79	·73	·74	·70	·67	·64	·64	·65	·788
11	·68	·75	·84	·88	·89	·88	·90	·89	·93	·92	·92	·92	·91	·91	·88	·78	·73	·65	·62	·59	·58	·57	·60	·58	·783
12	·70	·80	·82	·86	·88	·85	·83	·88	·90	·89	·89	·91	·92	·93	·88	·77	·74	·67	·67	·59	·55	·56	·56	·60	·780
13	·76	·81	·81	·88	·85	·85	·85	·86	·84	·86	·89	·83	·77	·76	·76	·71	·67	·64	·57	·55	·57	·54	·64	·71	·750
14	·73	·79	·82	·86	·86	·88	·84	·85	·82	·85	·89	·90	·91	·87	·88	·80	·67	·64	·62	·60	·53	·55	·66	·70	·772
15	·75	·81	·82	·92	·98	·92	·92	·91	·92	·95	·98	·96	·93	·95	·96	·93	·94	·87	·77	·88	·67	·71	·78	·77	·867
16	·80	·82	·91	·91	·92	·94	·94	·94	·96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·92	·88	·90	·92	·92	·92	·81	·81	·75	·74	·68	·67	·71	·74	·78	·847
18	·76	·84	·87	·88	·89	·91	·88	·90	·97	·96	·95	·89	·82	·85	·85	·84	·80	·74	·69	·60	·58	·60	·62	·65	·806
19	·68	·71	·74	·86	·90	·90	·90	·89	·88	·87	·86	·87	·87	·85	·85	·81	·76	·71	·66	·57	·52	·55	·68	·68	·774
20	·71	·76	·82	·85	·86	·88	·88	·91	·84	·84	·84	·83	·82	·85	·83	·82	·78	·70	·60	·57	·54	·53	·61	·66	·764
21	·70	·77	·80	·80	·75	·76	·78	·80	·80	·83	·87	·86	·84	·87	·88	·88	·82	·72	·62	·57	·57	·50	·53	·52	·743
22	·55	·60	·76	·78	·80	·84	·81	·82	·84	·84	·84	·80	·75	·72	·72	·64	·62	·63	·66	·64	·60	·54	·57	·55	·709
23	·58	·63	·73	·71	·72	·74	·77	·81	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·79	·74	·72	·70	·71	·74	·69	·67	·64	·65	·56	·55	·50	·49	·65	·681
25	·66	·75	·77	·80	·79	·78	·80	·82	·82	·81	·84	·83	·81	·81	·71	·62	·62	·60	·57	·56	·51	·50	·55	·65	·708
26	·73	·77	·78	·80	·82	·86	·87	·87	·85	·85	·86	·87	·87	·87	·87	·80	·73	·67	·63	·65	·69	·71	·72	·77	·768
27	·77	·80	·84	·84	·85	·86	·88	·88	·87	·87	·88	·89	·80	·88	·87	·81	·76	·69	·63	·63	·67	·69	·67	·74	·798
28	·77	·79	·81	·81	·78	·82	·86	·87	·90	·89	·88	·88	·87	·88	·84	·82	·75	·71	·67	·64	·57	·59	·65	·67	·780
29	·70	·77	·77	·88	·92	·94	·94	·92	·95	·93	·91	·94	·96	·95	·91	·82	·74	·73	·73	·69	·73	·73	·72	·78	·836
Means.	·722	·780	·818	·841	·845	·861	·865	·674	·878	·877	·880	·877	·869	·870	·858	·807	·759	·709	·674	·638	·618	·618	·647	·681	·786

TENSION OF THE ATMOSPHERIC VAPOUR. SEPTEMBER 1854.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·913	0·942	0·965	0·969	0·947	0·967	0·963	0·918	0·962	0·934	0·906	0·916	0·926	0·906	0·918	0·865	0·876	0·840	0·806	0·820	0·855	0·875	0·892	0·915	0·906
2	·956	·977	·965	·935	·953	·971	·970	·973	·976	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·943	·910	·897	·884	·873	·906	·922	·850	·802	·770	·817	·854	·825	·807	·882	·902
4	·912	·943	·956	·898	·895	·924	·941	·940	·914	·865	·787	·777	·767	·792	·833	·858	·903	·909	·933	·930	·878	·886	·932	·936	·880
5	·969	·987	·972	·975	·942	·950	·948	·942	·935	·944	·953	·955	·956	·956	·969	·965	·894	·920	·920	·900	·911	·927	·936	·930	·944
6	·893	·975	·838	·836	·825	·862	·882	·872	·855	·846	·837	·837	·836	·855	·861	·856	·858	·884	·876	·872	·875	·893	·902	·928	·869
7	·907	·907	·868	·801	·796	·828	·841	·857	·836	·831	·826	·819	·811	·798	·780	·799	·811	·842	·837	·861	·836	·832	·858	·825	·834
8	·846	·857	·874	·853	·856	·855	·833	·849	·859	·847	·836	·839	·841	·827	·811	·827	·840	·844	·863	·865	·846	·856	·827	·815	·844
9	·819	·833	·863	·865	·845	·845	·838	·840	·827	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·821	·816	·812	·806	·796	·786	·842	·857	·866	·897	·891	·874	·886	·892	·897	·846
11	·933	·935	·972	·979	·971	·942	·956	·960	·956	·930	·922	·893	·864	·864	·870	·878	·865	·812	·812	·814	·820	·840	·865	·868	·897
12	·940	·975	·934	·962	·951	·912	·892	·914	·934	·900	·885	·890	·894	·883	·882	·825	·861	·846	·873	·819	·780	·825	·846	·914	·889
13	·955	·946	·960	·973	·940	·934	·921	·924	·880	·894	·908	·851	·793	·763	·764	·773	·799	·804	·764	·778	·814	·793	·857	·911	·863
14	·891	·923	·919	·948	·957	·942	·904	·903	·865	·877	·890	·888	·885	·860	·867	·890	·816	·827	·824	·838	·793	·827	·893	·933	·883
15	·935	·951	·954	·937	·985	·991	·986	·967	·959	·914	·870	·853	·836	·839	·875	·881	·912	·921	·909	·831	·823	·879	·925	·908	·910
16	·920	·901	·841	·841	·874	·912	·936	·921	·918	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·900	·882	·888	·893	·898	·922	·939	·951	·948	·961	·895	·908	·970	·997	·972	·916
18	·939	·994	·987	·988	·976	·966	·942	·954	·973	·959	·946	·873	·799	·805	·847	·933	·955	·929	·912	·828	·833	·859	·884	·904	·918
19	·901	·846	·852	·970	·978	·978	·959	·926	·913	·879	·845	·833	·821	·800	·819	·820	·874	·888	·887	·806	·833	·878	·949	·934	·883
20	·924	·938	·947	·944	·945	·917	·919	·926	·870	·856	·842	·828	·813	·819	·819	·864	·905	·887	·801	·793	·792	·814	·842	·908	·872
21	·915	·940	·922	·921	·836	·791	·786	·795	·797	·824	·851	·850	·849	·874	·913	·932	·940	·886	·822	·788	·828	·752	·805	·772	·850
22	·784	·872	·896	·897	·912	·934	·892	·888	·878	·862	·847	·812	·777	·753	·753	·715	·730	·747	·803	·811	·808	·728	·769	·769	·818
23	·787	·826	·856	·828	·836	·855	·849	·881	·901	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·836	·772	·747	·721	·728	·763	·789	·815	·827	·862	·772	·771	·715	·740	·843	·805
25	·812	·862	·868	·889	·887	·866	·891	·885	·888	·873	·870	·855	·840	·833	·761	·738	·768	·790	·806	·816	·760	·763	·816	·800	·834
26	·916	·908	·894	·901	·918	·929	·941	·933	·909	·904	·899	·890	·880	·880	·909	·904	·885	·868	·863	·916	·937	·957	·955	·964	·911
27	·948	·947	·943	·944	·940	·936	·942	·942	·931	·925	·919	·914	·908	·912	·910	·907	·900	·903	·891	·916	·943	·961	·910	·942	·927
28	·928	·923	·923	·914	·883	·909	·936	·940	·941	·926	·911	·898	·885	·882	·851	·867	·867	·887	·905	·896	·828	·861	·912	·926	·900
29	·913	·934	·849	·883	·923	·942	·953	·955	·994	·929	·864	·870	·875	·863	·872	·889	·867	·901	·927	·938	·984	·952	·942	·97[illegible]	·916
Means.	·904	·922	·913	·914	·911	·915	·912	·912	·908	·890	·872	·859	·846	·842	·851	·859	·864	·863	·861	·848	·847	·854	·879	·897	·861

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the day Means.

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HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. OCTOBER 1854.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
September 30	0·78	0·83	0·84	0·84	0·86	0·88	0·86	0·89	0·91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·92	0·93	0·94	0·95	0·94	0·90	0·87	0·81	0·77	0·74	0·72	0·69	0·74	0·78	0·78	0·841
2	·79	·82	·82	·85	·85	·87	·90	·92	·95	·94	·93	·92	·90	·90	·79	·79	·78	·67	·68	·65	·69	·65	·71	·75	·813
3	·78	·80	·82	·82	·84	·87	·91	·90	·91	·88	·85	·89	·92	·92	·89	·91	·87	·84	·77	·74	·82	·92	·89	·90	·860
4	·87	·94	·94	·93	·92	·84	·87	·89	·92	·91	·90	·93	·96	·96	·93	·82	·78	·76	·72	·68	·66	·64	·83	·83	·851
5	·80	·81	·85	·87	·86	·89	·89	·92	·92	·93	·94	·94	·93	·96	·94	·84	·79	·74	·66	·70	·65	·62	·70	·78	·830
6	·77	·77	·79	·80	·85	·89	·92	·91	·96	·94	·93	·95	·96	·96	·90	·84	·77	·75	·74	·71	·72	·72	·72	·74	·834
7	·76	·80	·80	·81	·83	·83	·84	·84	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·91	·98	·98	·97	·98	·94	·82	·75	·66	·67	·65	·64	·66	·70	·72	·808
9	·80	·81	·82	·83	·83	·88	·92	·94	·93	·93	·93	·94	·94	·93	·92	·84	·78	·71	·66	·67	·78	·71	·74	·73	·832
10	·75	·82	·84	·80	·81	·84	·87	·87	·90	·89	·88	·90	·91	·93	·90	·85	·77	·72	·68	·66	·71	·76	·76	·74	·815
11	·77	·86	·85	·86	·85	·86	·88	·89	·89	·93	·98	·97	·95	·95	·92	·80	·75	·71	·71	·70	·68	·72	·72	·73	·830
12	·77	·78	·81	·81	·82	·84	·84	·85	·80	·84	·88	·90	·92	·93	·89	·78	·87	·81	·77	·74	·72	·73	·74	·75	·816
13	·80	·80	·82	·84	·87	·87	·85	·84	·84	·87	·91	·93	·95	·95	·92	·81	·80	·73	·71	·71	·71	·78	·82	·79	·830
14	·76	·78	·81	·81	·81	·82	·84	·84	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·87	·89	·91	·92	·95	·95	·91	·88	·86	·79	·74	·75	·75	·71	·72	·830
16	·78	·82	·81	·82	·89	·89	·90	·95	·95	·95	·96	·98	1·00	·98	·95	·89	·83	·83	·87	·87	·90	·90	·88	·85	·894
17	·85	·86	·87	·90	·90	·91	·93	·96	·95	·95	·96	·98	0·99	·98	·97	·93	·87	·85	·84	·84	·88	·87	·82	·84	·904
18	·84	·83	·86	·89	·91	·95	·95	·89	·90	·91	·93	·93	·93	·94	·93	·94	·93	·93	·95	·93	·91	·89	·85	·87	·908
19	·87	·87	·87	·87	·87	·87	·87	·89	·93	·92	·91	·91	·91	·89	·87	·83	·79	·77	·76	·78	·82	·85	·77	·80	·854
20	·81	·82	·85	·85	·89	·92	·91	·97	·96	·96	·97	·97	·97	·96	·95	·96	·96	·96	·97	·92	·89	·86	·89	·90	·920
21	·90	·91	·91	·89	·91	·98	·96	·94	·96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·92	·89	·90	·91	·91	·95	·85	·81	·79	·77	·78	·71	·72	·73	·78	·866
23	·80	·88	·86	·89	·93	·93	·95	·96	·96	·96	·96	·96	·96	·95	·95	·93	·88	·80	·76	·73	·76	·74	·74	·78	·876
24	·78	·80	·83	·81	·90	·92	·92	·95	·96	·96	·96	·97	·98	·97	·96	·90	·84	·79	·78	·77	·76	·78	·76	·78	·868
25	·82	·86	·87	·90	·95	·94	·96	·94	·97	·97	·97	·97	·97	·97	·97	·92	·87	·83	·81	·79	·77	·76	·77	·79	·889
26	·80	·82	·83	·83	·84	·88	·90	·93	·89	·90	·91	·94	·97	·97	·96	·91	·84	·84	·78	·79	·77	·80	·78	·78	·861
27	·80	·82	·84	·83	·84	·84	·86	·86	·83	·88	·93	·96	·98	·97	·95	·95	·92	·91	·85	·81	·79	·81	·82	·82	·870
28	·86	·90	·92	·91	·93	·95	·95	·90	·91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·94	·97	·98	·99	·96	·96	·96	·95	·92	·88	·86	·81	·80	·82	·82	·910
30	·83	·85	·87	·89	·89	·88	·88	·88	·90	·91	·93	·92	·91	·91	·91	·87	·79	·76	·76	·76	·74	·72	·76	·77	·845
31	·80	·83	·85	·88	·87	·90	·92	·95	·99	·98	·98	·96	·94	·96	·94	·91	·84	·82	·79	·76	·76	·75	·70	·75	·868
Means.	·805	·833	·846	·853	·871	·887	·899	·906	·914	·921	·932	·942	·948	·947	·926	·875	·834	·797	·773	·758	·759	·765	·774	·789	·856

TENSION OF THE ATMOSPHERIC VAPOUR, OCTOBER 1854.

	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
September 30	0·959	0·955	0·945	0·932	0·939	0·945	0·949	0·952	0·960	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—	—	0·832	0·846	0·850	0·845	0·846	0·883	0·874	0·898	0·909	0·931	0·964	0·944	0·862	1·008	0·977	0·912
2	·959	·948	·918	·928	·925	·933	·947	·953	·956	·940	·925	·908	·890	·881	·775	·776	·810	·817	·877	·902	·969	·926	0·978	·993	·910
3	·952	·947	·930	·912	·914	·910	·926	·902	·892	·848	·805	·809	·813	·818	·803	·850	·860	·902	·917	·937	·909	·893	·896	·939	·888
4	·941	·958	·958	·937	·921	·901	·907	·911	·839	·830	·821	·834	·847	·851	·869	·889	·913	·938	·924	·907	·895	·905	·981	·976	·890
5	·944	·901	·915	·925	·906	·920	·924	·947	·928	·920	·912	·904	·896	·895	·898	·902	·901	·868	·842	·884	·965	·824	·889	·934	·902
6	·910	·878	·856	·860	·880	·885	·893	·876	·893	·874	·855	·852	·849	·839	·874	·900	·893	·928	·929	·952	·961	·939	·921	·935	·893
7	·905	·920	·896	·895	·901	·893	·907	·876	·875	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·906	·938	·930	·921	·932	·928	·900	·893	·842	·873	·896	·919	·932	·965	·961	·909
9	1·012	·951	·940	·938	·922	·937	·947	·934	·911	·909	·908	·910	·912	·902	·909	·900	·898	·892	·901	·905	·966	·950	·978	·948	·928
10	0·984	·939	·937	·859	·851	·842	·851	·852	·840	·826	·813	·815	·816	·823	·856	·888	·900	·907	·908	·927	·951	·990	·994	·946	·886
11	·940	·983	·943	·924	·912	·921	·925	·926	·914	·899	·884	·893	·902	·903	·907	·871	·871	·868	·916	·937	·924	·937	·921	·911	·915
12	·924	·902	·905	·905	·895	·900	·902	·904	·844	·864	·884	·889	·893	·900	·909	·896	·941	·952	·940	·931	·917	·926	·923	·916	·907
13	·920	·906	·891	·885	·903	·909	·892	·882	·880	·879	·878	·876	·873	·867	·893	·893	·920	·869	·918	·920	·918	·995	1·017	·972	·907
14	·905	·898	·905	·883	·874	·894	·891	·888	·886	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·862	·838	·846	·853	·873	·896	·920	·921	·930	·917	·915	·932	·914	0·866	·861	·891
16	·900	·912	·869	·871	·889	·872	·876	·834	·813	·827	·841	·854	·866	·848	·857	·864	·868	·868	·874	·853	·877	·882	·882	·880	·866
17	·868	·850	·852	·862	·863	·864	·873	·879	·868	·861	·855	·856	·856	·855	·872	·883	·880	·850	·872	·870	·887	·858	·823	·840	·862
18	·833	·815	·816	·823	·828	·832	·818	·776	·802	·795	·789	·785	·781	·791	·790	·812	·804	·810	·849	·811	·836	·815	·846	·853	·815
19	·855	·840	·809	·798	·793	·771	·766	·772	·790	·775	·761	·758	·754	·736	·736	·742	·769	·790	·791	·843	·862	·866	·818	·830	·794
20	·817	·790	·801	·805	·819	·834	·809	·850	·822	·815	·808	·809	·810	·806	·794	·821	·801	·801	·844	·851	·875	·855	·872	·869	·824
21	·862	·870	·867	·844	·846	·825	·853	·814	·855	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·816	·777	·780	·782	·790	·818	·789	·786	·801	·822	·853	·815	·824	·826	·862	·825
23	·843	·882	·829	·838	·834	·826	·822	·823	·821	·810	·800	·798	·796	·788	·814	·855	·883	·891	·870	·837	·875	·861	·855	·884	·839
24	·863	·853	·839	·816	·856	·858	·854	·854	·847	·844	·842	·851	·859	·851	·853	·869	·870	·911	·908	·917	·912	·957	·932	·914	·872
25	·918	·929	·895	·884	·900	·902	·912	·899	·913	·895	·878	·879	·879	·858	·902	·930	·940	·929	·926	·929	·910	·915	·895	·914	·905
26	·890	·873	·852	·852	·842	·886	·893	·885	·847	·845	·843	·862	·881	·882	·883	·885	·902	·900	·883	·911	·904	·921	·890	·888	·879
27	·874	·864	·862	·852	·847	·839	·852	·845	·821	·842	·863	·846	·828	·819	·771	·804	·797	·790	·802	·828	·857	·877	·862	·874	·839
28	·884	·878	·892	·876	·870	·896	·873	·837	·836	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·868	·901	·893	·884	·871	·871	·875	·896	·893	·887	·905	·907	·906	·892	·897	·883
30	·892	·890	·882	·897	·900	·889	·892	·870	·876	·872	·869	·853	·836	·836	·855	·880	·857	·864	·881	·906	·891	·868	·876	·873	·874
31	·884	·868	·880	·887	.797	·784	·791	·806	·856	·847	·839	·826	·812	·821	·826	·858	·844	·870	·883	·894	·906	·885	·834	·872	·849
Means.	·903	·896	·885	·877	·875	·873	·875	·870	·861	·856	·851	·851	·849	·847	·851	·864	·872	·875	·885	·897	·904	·905	·906	·908	·876

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily Means.

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HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

Göttingen Mean Time	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
HUMIDITY OF THE AIR. NOVEMBER 1854. 1	0·78	0·84	0·88	0·91	0·90	0·89	0·89	0·89	0·93	0·95	0·97	0·97	0·96	0·93	0·93	0·89	0·84	0·82	0·78	0·75	0·76	0·77	0·77	0·79	0·806
2	·79	·83	·87	·86	·88	·88	·88	·90	·89	·91	·93	·95	·96	·96	·96	·88	·79	·77	·77	·71	·71	·73	·74	·73	·844
3	·75	·78	·81	·84	·83	·84	·83	·88	·89	·89	·89	·91	·92	·94	·95	·93	·83	·76	·80	·78	·78	·79	·84	·91	·849
4	·91	·94	·91	·90	·90	·94	·92	·95	·96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·93	·91	·93	·94	·99	·93	·85	·78	·70	·68	·65	·61	·58	·60	·68	·836
6	·73	·80	·83	·83	·86	·91	·87	·90	·91	·92	·94	·95	·96	·96	·96	·90	·87	·81	·79	·74	·68	·65	·70	·74	·842
7	·76	·81	·81	·85	·89	·89	·91	·92	·92	·93	·94	·93	·91	·95	·93	·90	·84	·79	·77	·74	·70	·73	·75	·73	·846
8	·77	·82	·81	·81	·87	·90	·92	·93	·91	·95	·96	·97	·97	·94	·94	·94	·95	·85	·77	·75	·75	·73	·75	·77	·866
9	·79	·77	·75	·76	·76	·76	·79	·81	·81	·79	·77	·78	·79	·79	·78	·74	·70	·65	·60	·63	·64	·60	·64	·66	·732
10	·76	·75	·76	·79	·79	·82	·83	·83	·86	88	·91	·91	·91	·93	·90	·87	·81	·76	·73	·75	·72	·71	·76	·76	·810
11	·85	·90	·93	·93	·89	·96	·96	·96	·96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·96	·97	·97	·96	·96	·96	·91	·91	·84	·80	·83	·82	·80	·77	·79	·900
13	·79	·83	·83	·85	·84	·91	·94	·92	·91	·94	·97	·95	·93	·95	·96	·96	·91	·97	·96	·87	·82	·78	·78	·78	890
14	·78	·83	·84	·86	·85	·89	·89	·88	·91	·92	·94	·93	·96	·96	·93	·92	·78	·79	·78	·78	·76	·77	·78	·78	·855
15	·83	·86	·87	·86	·86	·89	·91	·89	·89	·88	·88	·91	·93	·95	·91	·83	·79	·89	·87	·83	·86	·77	·82	·82	·867
16	·83	·82	·83	·82	·82	·81	·83	·84	·87	·87	·88	·91	·93	·93	·92	·90	·84	·81	·78	·73	·70	·68	·67	·67	·820
17	·76	·75	·73	·75	·75	·80	·82	·86	·87	·88	·89	·90	·91	·91	·91	·88	·83	·81	·65	·64	·62	·62	·62	·71	·784
18	·71	·69	·74	·73	·76	·77	·75	·78	·81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·88	·96	·95	·94	·94	·91	·91	·88	·84	·80	·86	·84	·78	·91	·87	·838
20	·87	·89	·92	·92	·92	·87	·87	·87	·84	·83	·82	·81	·80	·82	·82	·83	·73	·70	·70	·71	·70	·71	·70	·68	·805
21	·68	·69	·68	·70	·70	·70	·80	·75	·78	·79	·80	·81	·82	·80	·72	·71	·67	·74	·68	·68	·65	·66	·66	·64	·717
22	·68	·73	·74	·76	·75	·75	·75	·75	·76	·76	·76	·76	·76	·77	·79	·80	·78	·79	·78	·91	·91	·87	·91	·91	·789
23	·91	·89	·90	·89	·88	·91	·96	·99	·97	·92	·88	·87	·86	·89	·91	·89	·88	·85	·82	·83	·85	·85	·91	·92	·893
24	·92	·93	·98	·98	·96	·95	·96	·96	·96	·95	·94	·92	·90	·91	·91	·89	·86	·82	·83	·82	·82	·81	·83	·85	·903
25	·67	·88	·89	·90	·91	·92	·91	·91	·92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·90	·80	·90	·91	·94	·94	·91	·87	·81	·80	·78	·82	·81	·80	·81	·875
27	·82	·84	·86	·87	·91	·91	·92	·95	·94	·95	·96	·96	·95	·95	·95	·94	·90	·91	·84	·85	·84	·81	·82	·85	·896
28	·87	·93	·93	·94	·94	·96	·96	·93	·93	·93	·93	·95	·96	·95	·95	·91	·89	·86	·81	·82	·80	·79	·82	·82	·899
29	·84	·84	·87	·87	·86	·85	·86	·87	·91	·90	·89	·92	·94	·94	·93	·84	·82	·87	·80	·79	·78	·76	·75	·74	·852
30	·77	·79	·80	·79	·81	·80	·79	·83	·87	·89	·91	·93	·95	·93	·94	·91	·76	·73	·74	·71	·74	·73	·76	·76	·818
Means.	·796	·824	·837	·846	·849	·865	·870	·883	·893	896	·903	·910	·913	·919	·909	·878	·827	·805	·777	·767	·757	·742	·764	·776	·842

TENSION OF THE ATMOSPHERIC VAPOUR. NOVEMBER 1854.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.*	In.	In.*	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·658	0·866	0·873	0·891	0·876	0·858	0·868	0·858	0·869	0·880	0·892	0·884	0·875	0·847	0·853	0·864	0·873	0·915	0·905	0·878	0·900	0·915	0·893	0·913	0·878
2	·877	·878	·871	·858	·852	·856	·851	·856	·848	·844	·841	·844	·847	·841	·869	·880	·857	·880	·880	·835	·830	·831	·867	·830	·855
3	·831	·814	·820	·835	·835	·842	·821	·850	·849	·843	·838	·850	·863	·873	·896	·910	·808	·846	·859	·824	·839	·844	·849	·816	·846
4	·816	·838	·806	·779	·780	·796	·792	·794	·797	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·779	·761	·762	·763	·772	·764	·773	·759	·747	·738	·750	·714	·697	·728	·773	·770
6	·801	·827	·814	·814	·827	·841	·831	·840	·851	·853	·855	·854	·853	·851	·875	·867	·916	·916	·932	·929	·891	·873	·849	·834	·859
7	·808	·828	·780	·793	·804	·804	·611	·818	·813	812	812	·801	·790	·808	·820	·845	·852	·842	·878	·858	·852	·850	·882	·839	·826
8	·829	·836	·817	·844	·872	·881	·895	·887	·863	·869	·875	·866	·857	·822	·844	·858	·896	·880	·825	·857	·837	·637	·848	·863	·857
9	·858	·795	·763	·772	·764	·764	·780	·786	·794	·767	·741	·749	·756	·753	·753	·761	·738	·701	·696	·719	·704	·662	·691	·704	·748
10	·726	·757	·743	·763	·756	·763	·764	·752	·769	·774	·780	·770	·759	·760	·753	·771	·767	·785	·786	·808	·772	·742	·784	·766	·763
11	·824	·820	·827	·827	·806	825	·820	·816	·817	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·830	·844	838	·831	·820	·825	·836	·840	·885	·891	·929	·925	·889	·848	·832	·845
13	·847	·839	·819	·811	·807	·830	·829	·793	·782	·799	·816	810	·804	·814	·822	·833	·872	·955	·847	·832	·882	·863	·843	·840	·833
14	819	·829	·808	·824	·816	·824	·824	·828	·836	·831	·828	·824	·621	·820	·828	·874	·824	·848	·869	·859	·846	·860	·858	·843	·835
15	828	·845	·830	·827	·839	·816	·836	·816	·816	·611	·807	·811	·815	·819	·830	·817	·807	·816	·826	·846	·890	·827	·870	·854	·829
16	839	·811	·814	·803	·802	781	·786	·791	·798	·793	·788	·789	·790	·780	·769	·801	·803	·808	·810	·780	·764	·723	·709	·703	·785
17	·706	·715	·685	·695	·690	·709	·708	·720	·724	·724	·724	·721	·717	·712	·735	·751	·760	·775	·686	·683	·684	·683	·667	·738	·712
18	706	·670	·689	·677	·690	·693	·689	·700	706	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·725	·744	·735	·725	·728	·710	·719	·731	·769	·789	·823	·831	814	·808	·805	738
20	·818	·811	·793	·793	·793	·782	·798	·798	·775	·761	·748	729	·709	·727	·740	·786	·729	·726	·721	·750	·741	·724	·708	·686	·716
21	·656	·649	·625	·649	·645	·635	·630	·671	·700	·696	·693	·691	·689	·686	·657	·669	·678	·732	·705	·693	·682	·634	·668	·647	·672
22	·670	·695	·694	·718	719	·718	·716	·716	·723	·720	·718	·719	·719	·728	·749	·777	·768	·787	·776	·809	·790	·805	·772	·782	·741
23	811	·819	·832	·825	·815	809	·820	·824	·798	·789	·780	·775	·769	·803	·824	·830	·861	·868	·850	·854	·860	·859	·850	·818	·823
24	·812	·819	·848	·836	820	·819	·820	·820	·821	·815	·809	·801	·793	·797	·809	·848	·856	·850	·872	·861	·882	·675	·819	·840	·831
25	·838	·828	·830	·835	·848	·850	·842	·836	·840	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·812	·784	·781	·778	·789	·812	·816	·848	·813	·830	·823	·844	·832	·826	·812	·823
27	·810	·818	·820	·828	·810	·809	·791	·795	·793	·787	·781	·782	·782	·771	·791	·793	·828	·809	·839	·808	·817	·783	·784	·803	·801
28	·805	·827	·820	·815	·812	·796	·801	·789	·788	·770	·752	·771	·790	·771	·776	·804	·830	·849	·842	·859	·853	·823	·837	·816	·809
29	·836	·817	·819	·821	·816	800	·795	·793	·809	·798	·788	·791	·793	·793	·801	·811	·816	·886	·832	·851	·817	·794	·782	·761	·801
30	·769	·769	·752	·742	·747	·725	·715	·717	·725	·729	·734	740	·746	·738	·763	·782	·723	·729	·768	·723	·770	·731	·738	·743	·743
Means.	·800	·801	·792	·795	·794	·793	·793	·795	·796	·793	·790	·788	·786	·786	·794	·811	·813	·824	·816	·817	·816	·801	·798	·796	·800

* The numbers in these Columns are not observed, but interpolated for the sake of obtaining the daily Means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. DECEMBER 1854.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4. 41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
										*		*													
1	0·77	0·83	0·85	0·87	0·86	0·86	0·87	0·91	0·89	0·89	0·89	0·92	0·94	0·93	0·94	0·88	0·85	0·81	0·78	0·76	0·73	0·73	0·74	0·76	0·814
2	·76	·82	·83	·86	·87	·89	·89	·86	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·90	·92	·93	·93	·94	·93	·92	·91	·83	·78	·76	·74	·73	·81	·83	·855
4	·87	·87	·88	·89	·90	·91	·93	·93	·93	·92	·92	·92	·92	·95	·95	·94	·93	·84	·82	·80	·78	·80	·76	·76	·880
5	·76	·79	·75	·78	·76	·77	·78	·78	·79	·79	·80	·81	·82	·92	·93	·88	·91	·85	·82	·74	·73	·74	·72	·72	·798
6	·76	·76	·79	·79	·79	·82	·82	·80	·79	·83	·88	·90	·91	·92	·93	·89	·89	·77	·74	·70	·69	·67	·68	·68	·800
7	·72	·77	·80	·85	·90	·86	·88	·88	·93	·93	·94	·95	·95	95	·93	·87	·83	·79	·74	·74	·71	·64	·68	·68	·830
8	·73	·76	·78	·85	·87	·91	·92	·93	·93	·93	·93	·94	·94	·95	·95	·92	·89	·76	·79	·73	·74	·71	·73	·76	·848
9	·79	·81	·83	·80	·80	·79	·79	·82	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·88	·91	·91	·91	·88	·89	·92	·91	·76	·87	·86	·81	·77	·77	·76	·838
11	·80	·80	·86	·81	·82	·81	·80	·81	·83	·84	·85	·86	·86	·85	·81	·82	·73	·72	·72	·66	·67	·71	·67	·70	·784
12	·69	·71	·76	·77	·77	·75	·75	·74	·87	·86	·85	·89	·93	·95	·98	·86	·75	·74	·70	·64	·64	·66	·66	·66	·774
13	·68	·82	·70	·71	·71	·71	·72	·75	·78	·81	·85	·86	·86	·85	·83	·84	·87	·73	·68	·73	·64	·63	·68	·70	·756
14	·69	·73	·77	·78	·78	·78	·80	·81	·84	·85	·87	·89	·90	·82	·80	·86	·82	·77	·71	·65	·64	·64	·62	·66	·770
15	·69	·79	·76	·79	·81	·83	·86	·89	·94	·91	·88	·90	·91	·89	·86	·83	·79	·77	·69	·66	·67	·66	·66	·66	·796
16	·68	·73	·78	·81	·82	·86	·89	·91	·93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·86	·79	·81	·82	·79	·79	·76	·56	·55	·56	·60	·49	·54	·53	·55	·725
18	·61	·61	·68	·70	·78	·75	·82	·88	·89	·90	·92	·91	·90	·94	·91	·89	·81	·79	·74	·66	·65	·63	·67	·69	·780
19	·69	·72	·73	·76	·82	·86	·87	·86	·92	·93	·94	·93	·91	·91	·91	·91	·81	·76	·70	·65	·59	·61	·57	·57	·789
20	·63	·66	·69	·66	·66	·69	·68	·72	·71	·80	·89	·89	·88	·90	·90	·88	·80	·69	·67	·66	·64	·63	·64	·64	·734
21	·70	·73	·72	·73	·71	·71	·71	·72	·75	·77	·80	·80	·79	·86	·85	·85	·84	·84	·83	·81	·91	·90	·91	·93	·799
22	·88	·93	·90	·93	·90	·94	·91	·92	·93	·93	·93	·92	·91	·94	·94	·91	·87	·86	·83	·80	·84	·81	·81	·83	·890
23	·85	·85	·84	·92	·94	·94	·92	·90	·90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·88	·87	·88	·88	·89	·93	·87	·84	·83	·83	·91	·85	·82	·79	·91	·877
25	·93	·93	·95	·93	·94	·97	·96	·97	·96	·95	·95	·90	·85	·89	·91	·89	·90	·87	·85	·80	·89	·81	·79	·81	·900
26	·85	·86	·87	·87	·81	·84	·85	·84	·84	·82	·81	·82	·82	·83	·84	·79	·76	·74	·74	·73	·73	·74	·76	·73	·804
27	·75	·79	·84	·81	·81	·83	·79	·80	·82	·85	·89	·90	·91	·95	·93	·91	·87	·81	·79	·77	·70	·69	·73	·74	·820
28	·74	·76	·80	·79	·79	·80	·80	·80	·89	·89	·90	·93	·95	·95	·93	·92	·94	·93	·95	·94	·93	·86	·86	·94	·875
29	·91	·84	·84	·83	·83	·83	·82	·84	·83	·83	·84	·87	·89	·89	·86	·82	·78	·76	·76	·75	·75	·80	·73	·75	·819
30	·78	·80	·80	·81	·80	·73	·77	·77	·78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	·80	·83	·86	·88	·84	·90	·85	·76	·65	·63	·66	·72	·63	·63	·65	·764
Means.	·758	·787	·800	·812	·817	·825	·831	·840	·862	·867	·879	·888	·891	·899	·897	·872	·832	·778	·758	·737	·726	·714	·715	·733	·813

TENSION OF THE ATMOSPHERIC VAPOUR. DECEMBER 1854.

Date	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
										*		*													
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·742	0·781	0·746	0·710	0·765	0·761	0·764	0·789	0·767	0·745	0·724	0·733	0·743	0·786	0·739	0·731	0·763	0·776	0·773	0·772	0·732	0·743	0·739	0·766	0·757
2	·745	·779	·773	·761	·767	·782	·779	·768	·767	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·771	·775	·770	·765	·768	·767	·785	·809	·821	·796	·799	·772	·776	·833	·762	·779
4	·825	·819	·747	·749	·757	·760	·788	·770	·765	·767	·769	·772	·774	·783	·794	·836	·820	·836	·871	·846	·829	·789	·764	·743	·791
5	·740	·754	·711	·725	·718	·723	·735	·725	·726	·727	·729	·733	·736	·785	·761	·761	·759	·773	·811	·793	·756	·780	·726	·726	·747
6	·745	·726	·727	·727	·727	·731	·731	·712	·695	·713	·731	·734	·736	·739	·751	·764	·789	·752	·745	·715	·713	·695	·691	·681	·728
7	·683	·708	·712	·727	·727	·716	·717	·713	·724	·721	·719	·720	·721	·723	·702	·718	·734	·749	·734	·745	·742	·673	·702	·689	·717
8	·712	·714	·720	·737	·743	·739	·744	·740	·730	·731	·738	·738	·737	·746	·765	·770	·795	·764	·795	·756	·756	·742	·751	·770	·747
9	·775	·768	·760	·736	·738	·730	·727	·739	·768	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·751	·734	·734	·734	·732	·765	·806	·759	·738	·825	·817	·811	·754	·696	·689	·754
11	·734	·751	·817	·752	·761	·758	·730	·724	·738	·740	·743	·752	·760	·740	·712	·759	·712	·727	·725	·672	·695	·723	·686	·698	·734
12	·670	·680	·695	·696	·688	·668	·677	·672	·749	·740	·731	·736	·741	·741	·769	·721	·702	·713	·698	·642	·625	·647	·650	·642	·696
13	·640	·744	·610	·612	·613	·613	·614	·622	·648	·652	·657	·656	·655	·651	·664	·672	·750	·706	·668	·699	·631	·632	·664	·690	·656
14	·635	·641	·653	·664	·658	·630	·617	·619	·636	·627	·619	·622	·624	·577	·567	·655	·669	·671	·655	·620	·608	·598	·584	·614	·628
15	·629	·686	·648	·648	·663	·667	·676	·684	·695	·676	·658	·661	·664	·654	·642	·663	·679	·676	·672	·638	·646	·640	·638	·643	·660
16	·621	·648	·669	·673	·672	·676	·661	·677	·688	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·637	·587	·584	·580	·564	·572	·591	·517	·527	·553	·588	·495	·550	·527	·533	·600
18	·567	·571	·595	·599	·630	·606	·625	·634	·635	·631	·627	·626	·624	·633	·630	·654	·668	·678	·673	·640	·629	·611	·642	·653	·628
19	·631	·630	·616	·632	·651	·651	·647	·631	·677	·679	·682	·663	·644	·644	·664	·710	·705	·693	·666	·650	·567	·590	·553	·542	·642
20	·569	·574	·579	·556	·556	·583	·566	·586	·581	·601	·622	·612	·601	·602	·611	·640	·666	·623	·620	·621	·609	·605	·604	·614	·600
21	·653	·634	·607	·636	·627	·624	·620	·605	·628	·640	·652	·650	·648	·676	·670	·669	·693	·709	·709	·724	·761	·757	·766	·780	·672
22	·759	·788	·758	·765	·757	·763	·761	·783	·788	·784	·781	·771	·761	·782	·785	·790	·799	·796	·821	·779	·843	·817	·792	·786	·784
23	·792	·786	·698	·771	·809	·818	·812	·802	·794	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·782	·771	·773	·774	·765	·788	·800	·817	·814	·821	·836	·824	·792	·749	·810	·792
25	·780	·765	·765	·770	·767	·794	·781	·788	·785	·788	·791	·759	·726	·765	·786	·779	·770	·771	·811	·791	·806	·781	·727	·754	·775
26	·794	·794	·776	·772	·734	·754	·756	·751	·746	·721	·697	·693	·688	·691	·697	·702	·698	·714	·706	·715	·720	·728	·738	·708	·729
27	·710	·715	·740	·706	·707	·715	·686	·685	·701	·706	·712	·711	·710	·721	·699	·710	·730	·747	·749	·742	·697	·675	·699	·705	·712
28	·704	·688	·706	·696	·691	·689	·691	·695	·728	·740	·752	·762	·771	·765	·755	·750	·770	·760	·771	·793	·789	·789	·809	·812	·745
29	·777	·741	·743	·738	·738	·740	·736	·753	·724	·721	·719	·725	·731	·728	·722	·736	·725	·740	·738	·735	·742	·777	·701	·698	·735
30	·727	·709	·684	·689	·668	·623	·655	·651	·653	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	·638	·623	·615	·607	·578	·613	·651	·647	·599	·592	·631	·659	·606	·596	·607	·638
Means.	·706	·715	·703	·704	·705	·705	·704	·704	·713	·709	·706	·704	·702	·703	·708	·724	·729	·726	·731	·722	·711	·703	·694	·696	·709

* The numbers in these columns are not observed; but interpolated for the sake of obtaining the daily Means.

DIRECTION AND FORCE OF THE WIND.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	P. M. h. m. 4. 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41		
DIRECTION OF THE WIND. JANUARY 1854.	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	1	1	1	1	1	1	1	1	1	1	1	1	31	30	30	30	30	2	3	4	3	4	4	3	12	NbyE
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	2	2	2	2	2	2	13	NbyE
3	1	1	1	1	1	1	1	1	1	1	1	0	0	0	31	30	30	1	2	1	1	1	1	1	7	NbyE
4	0	0	0	0	0	0	0	0	0	1	1	1	30	28	28	28	29	31	1	1	1	1	0	1	356	N
5	1	1	1	1	1	1	0	0	0	0	0	0	0	30	30	30	31	31	2	2	2	1	1	1	3	N
6	2	2	2	2	2	2	2	2	2	2	31	31	30	30	30	31	31	0	0	0	3	2	2	2	4	N
7	1	1	1	1	1	1	1	1	1	1	1	0	0	31	31	31	30	31	31	31	1	1	1	1	3	N
8	31	31	31	31	31	31	31	31	31	31	31	20	29	28	28	28	28	29	30	31	31	31	1	1	342	NNW
9	0	1	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	32	NEbyN
10	4	2	2	2	2	3	4	3	3	3	3	3	3	3	3	3	3	4	4	5	3	2	1	1	32	NEbyN
11	3	3	3	3	3	3	3	3	3	3	3	3	3	1	1	1	0	0	4	4	4	4	4	4	31	NEbyN
12	4	4	4	4	4	4	4	4	4	4	4	4	31	31	31	31	30	3	7	6	6	5	5	6	37	NEbyN
13	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	5	5	5	5	4	4	4	44	NE
14	3	3	3	3	3	3	3	3	3	3	3	3	3	0	0	0	0	1	4	5	5	5	5	5	32	NEbyN
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	31	31	3	6	6	6	6	6	7	32	NEbyN
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	0	2	5	5	4	4	4	4	50	NE
17	4	4	2	2	4	4	5	5	5	4	4	2	2	2	2	2	2	3	4	5	5	5	5	5	41	NE
18	4	4	2	2	2	2	2	2	2	3	3	3	3	3	4	31	30	2	2	4	4	4	4	3	29	NEbyN
19	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	44	NE
20	3	3	3	4	4	4	4	3	3	3	4	4	3	31	31	31	0	5	4	4	4	4	4	4	33	NEbyN
21	3	3	3	3	3	3	3	4	5	5	5	5	4	4	4	4	4	3	4	4	4	4	4	4	43	NE
22	0	0	0	0	0	0	0	1	1	1	0	0	0	0	31	3	4	1	1	1	0	0	0	0	6	NbyE
*23	3	3	3	3	3	3	3	3	4	4	4	4	4	4	31	31	4	4	4	3	3	3	B.Stopped		?	?
24	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	30	30	1	2	2	2	2	2	2	10	NbyE
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	30	31	3	2	4	3	4	3	3	22	NNE
26	2	1	1	1	2	2	2	2	2	2	3	3	3	3	0	0	30	1	2	2	3	3	3	3	21	NNE
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	30	1	1	2	2	2	2	2	12	NbyE
28	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	0	31	3	4	4	4	4	4	4	30	NEbyN
29	3	4	4	4	4	4	4	4	4	4	4	4	2	2	2	1	0	4	4	4	4	4	4	4	38	NEbyN
30	2	2	2	2	6	6	6	6	3	3	2	1	1	1	1	1	1	5	5	5	5	5	6	7	39	NEbyN
*31	5	6	7	7	6	6	6	6	6	6	6	5	4	5	12	24	25	16	16	8	9	9	9	8	?	?
Hourly Means.	24° NNE	23° NNE	22° NNE	22° NNE	25° NNE	25° NNE	26° NNE	28° NNE	27° NNE	26° NNE	26° NNE	23° NNE	17° NNE	10° NbE	9° NbE	3° N	0° N	22° NNE	33° NEbN	36° NEbN	36° NEbN	35° NEbN	35° NEbN	36° NEbN	2°	NNE
No. of Observations, with the Wind in each Quarter N W	1	1	1	1	1	1	1	1	1	1	2	2	5	8	11	15	16	4	2	2	1	1	0	0	79	Obs. N W
S W	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	" S W
S E	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	6	" S E
N E	30	30	30	30	30	30	30	30	30	30	29	29	26	23	19	16	15	26	28	28	29	29	29	29	655	" N E
FORCE OF THE WIND JANUARY 1854.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	
1	0·02	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·03	0·00	0·00	0·00	
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·10	·13	·10	·12	·10	·03	
3	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·20	·22	·30	·32	·10	·00	·05	
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·32	·45	·40	·42	·15	·12	·08	
5	·18	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·30	·35	·28	·30	·06	
6	·15	·10	·08	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·13	·35	·47	·67	·30	·32	·11	
7	·20	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·15	·22	·10	·12	·04	
8	·20	·18	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·13	·00	·00	·35	·04	
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·02	·05	·07	·08	·09	·02	
10	·10	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·10	·10	·02	
11	·22	·18	·05	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·07	·20	·03	·08	·04	
12	·13	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·03	·01	
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·07	·08	·15	·01	
14	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·06	·07	·00	·01	
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·22	·20	·08	·07	·03	
19	·20	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·05	·10	·09	·12	·10	·03	
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·15	·32	·18	·20	·05	·00	·04	
21	·28	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·37	·00	·03	
22	·10	·17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·13	·00	·00	·03	
*23	·15	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·06	·13	·08	·32	·17	·38	B. S.		?	
24	·08	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·23	·35	·47	·60	·58	·11	
25	·18	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·07	·15	·18	·19	·22	·37	·06	
26	·18	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·25	·27	·25	·30	·28	·07	
27	·18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·03	·35	·25	·28	·27	·06	
28	·12	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·10	·20	·18	·17	·04	
29	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·00	·00	·07	·12	·00	·01	
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
31	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
Means.	·07	·04	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·05	·09	·13	·16	·13	·12	·03	

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of 23 and 31, are rejected from the hourly and daily Means.

* The Observation of 23, are rejected from the hourly and daily Means.

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DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. FEBRUARY 1854.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	9	8	8	8	8	8	8	8	9	9	9	9	9	17	17	17	19	18	18	18	18	12	11	10	132	SE
*2	10	10	10	11	11	11	11	11	11	11	15	18	18	18	18	18	18	18	18	18	Board Stopped.			—	1	?
3	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	7	7	8	8	6	109	ESE
4	8	8	8	8	7	8	8	8	8	8	8	6	5	5	5	3	0	23	11	8	8	5	5	5	62	ENE
5	8	8	8	8	8	8	8	8	8	8	13	16	18	16	16	16	18	16	13	13	13	13	13	13	134	SE
6	12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	25	25	10	11	9	9	9	8	9	125	SEbyE
7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	1	0	8	7	7	8	8	8	6	78	EbyN
8	8	8	8	6	8	8	8	8	8	8	8	8	8	8	31	30	29	29	8	8	8	8	8	8	60	NEbyE
9	4	4	4	8	8	6	8	8	8	8	8	6	8	3	3	0	28	8	3	3	2	1	2	3	45	NE
10	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	23	13	12	11	11	12	12	12	140	SE
*11	10	10	10	10	11	11	11	11	11	11	11	14	14	14	23	23	28	4	10	10	10	9	9	9	1	?
12	7	8	8	8	8	8	10	10	10	11	12	13	14	14	14	20	21	22	19	12	9	10	10	10	135	SE
13	10	10	10	10	12	12	12	13	13	14	15	15	15	16	16	18	20	17	17	16	12	12	12	12	153	SSE
*14	9	11	13	13	13	15	24	28	26	28	28	28	28	28	28	27	26	23	Board Stopped.			—	5	5	?	?
15	4	4	4	4	4	4	5	8	8	8	8	1	1	1	1	1	1	1	9	8	8	7	8	8	54	NEbyE
*16	7	7	7	7	7	7	7	7	8	8	8	7	7	7	8	8	8	8	8	8	8	Board Stopped.			1	?
17	4	4	4	4	3	3	4	4	4	4	4	4	2	1	1	2	2	2	2	2	2	2	2	3	32	NEbyN
18	3	3	2	2	2	2	2	2	2	2	2	2	0	0	0	29	0	0	0	1	1	0	0	1	12	NbyE
19	1	1	1	1	1	1	1	1	0	0	0	31	31	30	29	28	28	7	1	0	0	1	1	1	2	N
20	4	4	4	4	4	4	4	4	3	3	2	2	30	30	30	30	31	2	3	3	3	3	3	4	25	NNE
21	3	3	4	4	8	5	8	8	8	5	5	0	0	0	31	0	1	3	3	3	3	3	3	3	33	NEbyN
22	2	2	2	2	2	2	2	2	2	2	1	31	31	31	31	31	0	3	4	4	3	3	3	3	18	NNE
23	2	2	3	3	3	3	3	3	2	2	2	0	0	0	0	30	30	1	4	4	4	4	4	4	23	NNE
24	1	1	1	1	1	0	0	0	0	0	0	0	0	31	30	29	0	0	0	3	4	4	4	3	8	NbyE
25	4	4	3	3	3	3	3	3	3	3	3	3	0	0	0	0	31	4	4	4	4	4	4	4	30	NEbyN
26	4	4	4	4	4	4	4	4	4	0	31	31	31	31	30	29	29	1	7	0	0	0	0	0	15	NbyE
27	8	8	8	8	8	8	8	8	8	8	8	8	8	8	12	13	21	21	20	12	11	10	9	9	117	ESE
28	9	9	9	9	9	9	9	9	9	9	9	10	10	16	16	18	16	16	18	16	12	9	8	8	81	EbyN

* The Observations of 2, 11, 14, and 16th are rejected from the hourly and daily Means.

	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Means	Mean Direction
Hourly Means No. 1	42° NE	42° NE	42° NE	44° NE	44° NE	44° NE	46° NE	46° NE	46° NE	44° NE	42° NE	28° NNE	17° NNE	13° NbE	5° N	350° NbW	349° NbW	21° NNE	80° E	44° NE	40° NE	38° NEbN	40° NE	42° NE	33° NEbN	69° ENE
Hourly Means No. 2	107 ESE	104 EbS	104 EbS	104 EbS	105 EbS	105 EbS	109 ESE	110 ESE	111 ESE	114 ESE	122 SEbE	129 SEbE	130 SE	149 SEbS	154 SSE	181 S	216 SWbS	187 SbW	179 S	140 SE	125 SEbE	118 ESE	111 ESE	111 ESE	130 SE	
No. of Observations, with the Wind in each Quarter: N W	0	0	0	0	0	0	1	1	1	1	2	4	8	8	8	10	10	1	0	0	0	0	0	0	50	Obs. N W
S W	0	0	0	0	0	0	0	0	0	0	0	2	2	5	6	7	8	9	8	4	1	0	0	0	50	" S W
S E	12	13	13	13	13	14	13	14	15	18	18	11	10	7	8	3	1.	5	8	9	10	10	11	11	254	" S E
N E	18	15	18	15	15	14	14	13	12	11	10	11	11	10	8	8	9	13	13	14	15	15	16	15	307	" N E

FORCE OF THE WIND. FEBRUARY 1854.

	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00
*2	·02	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	Board Stopped.			—	?
3	·08	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01
4	·05	·02	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·25	·40	·38	·35	·37	·07
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·05	·02	·01
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·05	·00	·00	·00
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·25	·27	·02
13	·38	·12	·00	·07	·02	·30	·25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·30	·32	·48	·70	·42	·28	·18
*14	·00	·00	·00	·05	·00	·07	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·70	Board Stopped.			·00	·25	·42	?
15	·47	·50	·30	·10	·08	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·22	·27	·09
*16	·18	·22	·02	·05	·05	·02	·03	·02	·02	·03	·05	·04	·00	·00	·00	·00	·10	·50	·65	·80	·40	·20	B	S. —	1
17	·45	·30	·15	·12	·08	·00	·07	·00	·00	·00	·00	·00	·00	·00	·00	·25	·40	·43	·92	1·10	1·25	1·20	1·05	·57	·35
18	·40	·20	·08	·02	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·22	0·40	0·72	0·85	0·82	·70	·19
19	·95	·50	·28	·17	·15	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·25	·10	·20	·18	·25	·37	·14
20	·28	·35	·30	·15	·20	·10	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·22	·40	·45	·42	·40	·38	·16
21	·25	·20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·20	·25	·42	·45	·47	·27	·11
22	·28	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·12	·20	·17	·12	·08	[illegible]	·05
23	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·10	·09	·13	·15	·02
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·00	·05	·03	·00	·15	·01
25	·20	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·10	[illegible]	·02
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	[illegible]	·00
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	·00	·00
Means.	·15	·09	·05	·03	·02	·02	·02	·00	·00	·00	·00	00	·00	·00	·00	·01	·02	·04	·09	·12	·17	·19	·18	·15	·06

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of 2, 14, and 16th are rejected from the hourly and daily Means.

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DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. MARCH 1854.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction.
Madras Mean Time.	P. M. h. m. 5 41	h. m. 6. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o.	
1	8	8	8	9	9	9	9	9	9	9	9	9	13	14	14	14	18	17	17	10	10	10	10	10	122	SEbyE
* 2	11	11	11	11	11	11	11	11	11	11	11	11	12	12	12	12	19	19	15	15	10	11	B. S.	—	?	?
3	9	7	8	8	8	8	9	9	9	9	13	14	14	14	16	15	13	11	10	10	11	11	11	12	121	SEbyE
4	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	19	15	13	9	8	9	9	9	123	SEbyE
5	9	9	9	9	9	9	9	9	9	11	12	12	12	12	12	16	15	13	11	11	11	12	12	12	124	SEbyE
6	10	10	10	9	9	9	9	8	8	8	22	22	22	22	22	21	18	16	15	12	12	12	12	12	155	SSE
7	12	11	10	9	10	11	11	11	12	12	12	13	13	17	20	20	18	16	15	12	12	12	12	12	147	SEbyS
8	12	11	11	11	11	11	11	11	11	11	11	11	11	14	14	14	13	13	12	11	12	12	12	13	133	SE
9	10	9	9	9	6	6	6	6	7	7	7	7	7	7	8	17	20	13	9	9	9	9	9	10	101	Ebys
*10	9	9	8	6	6	8	8	8	8	8	8	8	8	8	16	23	28	28	7	7	7	8	7	6	?	?
*11	7	7	8	8	8	8	8	8	8	8	8	20	20	20	20	20	18	13	10	9	10	Board Stopped.			?	?
*12	10	9	9	8	8	8	8	8	16	21	21	21	21	21	21	20	20	19	18	Board Stopped.			—	—	?	?
13	12	12	12	12	12	12	12	12	12	16	21	21	21	21	21	20	18	18	17	12	12	11	11	11	168	sbyE
14	10	10	9	9	9	9	9	21	21	21	21	21	21	21	20	17	15	14	12	12	12	12	13	12	165	sbyE
15	12	12	12	12	12	12	13	13	13	13	23	23	23	23	23	14	14	12	12	12	12	12	11	11	164	sbyE
16	12	12	12	12	12	12	12	12	12	12	13	13	26	26	26	26	13	12	10	10	10	10	9	9	156	SSE
17	12	12	12	12	13	13	17	20	20	20	31	25	25	25	25	19	13	12	11	11	11	11	12	12	185	S
18	12	12	12	11	10	9	10	10	10	10	16	23	23	23	22	20	13	13	12	12	12	12	11	11	154	SSE
19	8	8	8	8	8	7	7	7	7	7	8	12	20	20	20	20	11	10	9	9	9	10	11	11	120	SEbyE
*20	10	10	10	10	10	10	10	10	10	10	10	29	29	29	29	29	11	9	8	6	6	5	5	6	?	?
21	5	6	6	6	6	6	6	6	6	6	6	6	2	1	1	1	4	4	5	5	4	4	4	4	52	NEbyE
*22	5	5	5	5	6	8	8	8	8	8	8	8	8	8	8	31	31	B. S.	—	8	8	9	9	B. S.	?	?
23	9	8	8	8	9	9	9	9	9	9	9	9	9	9	8	20	13	12	8	8	8	8	8	8	105	Ebys
24	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	12	12	9	9	9	9	7	8	110	ESE
25	9	9	9	9	9	8	8	8	8	8	8	9	9	9	9	23	12	11	10	10	10	10	12	12	112	ESE
26	12	10	9	9	9	9	9	9	9	10	10	10	21	21	13	15	15	12	10	10	10	10	10	10	127	SEbyE
27	10	10	9	8	8	8	8	8	8	9	9	9	9	9	9	15	15	13	9	9	9	9	9	9	107	ESE
28	9	9	8	8	8	8	8	8	9	9	9	9	9	9	9	13	12	9	9	9	9	9	9	9	102	Ebys
29	9	10	9	9	9	9	9	10	12	15	15	15	15	15	19	19	16	16	12	11	11	11	11	11	140	SE
30	9	9	9	9	9	11	20	12	10	13	20	24	24	22	22	19	19	19	8	5	5	6	6	6	148	SEbys
31	8	9	9	9	9	9	10	10	10	10	10	16	16	16	16	28	10	10	9	9	8	8	7	7	123	SEbyE
Hourly Means.	o 114 ESE	o 111 ESE	o 109 ESE	o 107 ESE	o 107 ESE	o 107 ESE	o 115 ESE	o 113 ESE	o 120 SEbE	o 126 SEbE	o 154 SSE	o 163 SSE	o 180 S	o 183 S	o 182 S	o 204 SbW	o 166 SbE	o 150 SbE	o 126 SEbE	o 113 ESE	o 109 ESE	o 115 ESE	o 114 ESE	o 112 ESE	o 133	SE
No. of Observations, with the Wind in each Quarter. N W	0	0	0	0	0	0	0	0	0	0	1	3	4	3	3	4	2	1	0	0	0	0	0	0	21	Obs. N W
S W	0	0	0	0	0	0	2	2	3	4	7	8	10	12	14	17	11	8	3	0	0	0	0	0	101	,, S W
S E	28	27	29	28	27	28	26	26	25	24	21	18	15	14	13	9	17	20	25	26	26	26	22	22	542	,, S E
N E	3	4	2	3	4	3	3	3	3	3	2	2	2	2	1	1	1	1	2	4	4	3	6	5	67	,, N E

* The Observations of 2, 10, 11, 12, 20, and 22nd are rejected from the hourly and daily Means.

FORCE OF THE WIND. MARCH 1854.

	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·10	0·00	0·00	0·00	0·00
*2	·00	·00	·00	·00	·00	·00	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	B. S.	—	?
3	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·07	·12	·01
4	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·00	·00	·00	·00	·00	·00	·00	·10	·05	·01
5	·02	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·15	·10	·15	·00	·02
6	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·32	·35	·33	·28	·06
7	·10	·00	·00	·00	·00	·00	·00	·00	·06	·00	·00	·00	·00	·00	·00	·00	·10	·35	·12	·08	·20	·25	·35	·23	·07
8	·15	·10	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·20	·15	·30	·47	·72	·65	·50	·14
9	·30	·28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·03
10	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
*11	·00	·00	·00	·00	·00	·00	·00	·30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	Board Stopped			?
*12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	Board Stopped.			—	—	?
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·03	·00	·00	·00	·00	·00	·00
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·10	·28	·35	·42	·45	·15	·08
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·00	·01
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·08	·15	·18	·27	·42	·35	·06
18	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·12	·10	·15	·13	·22	·10	·04
19	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·12	·08	·00	·10	·12	·08	·03
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
*22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	B. S.	—	·00	·00	·00	·00	B. S.	?
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
24	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·00
27	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·10	·00	·00	·00	·01
29	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·28	·32	·90	1·12	·85	·15
30	·65	·42	·30	·18	·32	·00	·00	·02	·78	·25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	0·05	·25	·13
31	·10	·08	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·07	·15	·10	·03
Means.	·07	·04	·01	·01	·01	·00	·00	·00	·03	·01	·00	·00	·00	·00	·00	·00	·01	·03	·03	·05	·09	·13	·16	·12	·03

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of 2, 11, 12, and 22nd are rejected from the hourly and daily Means.

DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. APRIL 1854.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	Pts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	8	8	8	8	8	6	8	6	8	8	8	8	8	6	24	25	18	9	6	6	9	8	6	9	112	ESE
2	6	8	8	7	8	9	9	9	10	10	10	23	23	23	23	23	23	4	6	7	5	5	5	5	126	SEbyE
*3	10	10	10	9	6	12	12	12	12	12	12	7	7	7	7	0	16	13	4	4	4	4	4	5	?	?
4	12	12	11	11	11	12	13	13	13	13	15	15	15	15	23	20	20	20	13	13	13	13	12	12	159	SSE
5	13	13	13	12	13	13	14	15	16	21	24	24	23	23	20	20	20	21	16	14	14	14	14	15	190	sbyW
6	15	14	14	14	15	15	16	17	18	20	20	20	20	20	18	18	18	18	18	15	15	15	15	15	189	sbyW
7	15	15	15	15	16	16	16	16	17	22	22	18	18	18	19	17	17	16	15	15	14	14	14	14	185	S
8	14	14	14	14	15	15	15	15	15	16	17	19	10	16	18	16	20	20	17	15	15	15	15	15	184	S
9	14	14	15	15	15	14	14	15	16	16	16	20	16	16	17	17	17	17	16	15	15	15	15	14	177	S
10	14	14	14	15	15	13	13	14	16	16	17	18	16	16	18	16	16	19	14	14	14	14	14	14	174	sbyE
11	12	12	12	13	13	13	13	13	13	14	15	15	15	15	16	16	16	15	14	14	13	13	12	12	154	SSE
12	13	12	12	12	13	13	14	14	15	16	17	17	17	17	17	18	18	15	15	15	15	15	15	15	160	sbyE
13	15	15	15	15	15	15	15	16	19	16	16	16	16	17	16	18	16	20	15	14	14	14	14	14	179	S
14	12	12	13	13	13	13	13	14	16	16-	16	16	16	16	16	16	16	17	16	14	14	14	14	14	164	sbyE
15	13	14	14	14	14	15	16	16	16	16	16	17	16	16	16	16	16	15	13	13	13	13	13	13	166	sbyE
16	13	14	14	14	15	16	16	16	17	17	17	17	16	16	16	16	16	13	13	14	14	13	13	13	169	sbyE
17	14	14	15	16	16	16	16	17	17	17	18	18	18	18	16	16	20	22	24	13	13	14	13	13	167	sbyW
18	13	13	12	12	18	17	16	16	17	16	16	16	16	16	16	17	17	13	13	13	13	13	12	12	165	sbyE
19	12	12	12	12	12	12	12	12	12	12	12	12	12	23	17	20	20	20	12	12	12	12	12	12	154	SSE
*20	12	12	12	11	11	11	11	11	11	11	11	11	11	11	11	13	20	21	21	13	13	Board Stopped.			?	?
*21	13	13	13	13	13	13	16	16	16	17	16	16	21	23	17	23	16	Board Stopped.			—	—	—	—	?	?
*22	6	12	13	14	15	16	17	18	16	16	20	22	22	22	23	25	27	28	28	Board Stopped.			—	—	?	?
*23	17	18	19	16	19	20	20	20	20	20	23	21	21	21	21	24	27	28	26	26	23	Board Stopped.			?	?
24	15	15	16	16	17	17	18	18	16	17	20	20	20	19	16	17	20	20	14	15	15	15	15	15	19[illegible]	sbyW
25	14	15	15	15	15	16	16	16	17	17	16	16	15	16	17	19	20	20	12	12	12	12	12	13	17[illegible]	sbyE
26	13	13	13	13	15	15	15	16	16	16	16	16	16	16	16	16	17	16	14	14	14	14	14	14	[illegible]	sbyE
27	14	14	14	14	13	13	14	14	14	16	16	16	16	16	16	16	17	14	14	14	14	14	14	14	[illegible]	sbyE
28	13	13	14	14	13	15	15	15	15	16	16	16	18	16	16	16	16	17	20	12	13	13	13	13	[illegible]	sbyE
29	13	13	13	13	15	15	16	18	16	16	18	16	15	14	16	17	16	12	13	13	13	13	13	12	[illegible]	SSE
30	15	14	14	15	16	16	16	16	16	16	16	18	16	17	20	20	19	15	15	15	15	15	15	14	181	S
Hourly Means.	° 146 SEbS	° 147 SEbS	° 148 SEbS	° 149 SEbS	° 151 SEbS	° 158 SSE	° 161 SSE	° 165 sbE	° 172 sbE	° 181 S	° 184 S	° 192 sbW	° 189 sbW	° 192 sbW	° 203 SSW	° 204 SSW	° 204 SSW	° 164 S	° 164 sbE	° 150 SEbS	° 148 SEbS	° 148 SEbS	° 147 SEbS	° 147 SEbS	° 168	S by E
No. of Observations, with the Wind in each Quarter: N W	0	0	0	0	0	0	0	0	0	0	1	2	0	0	1	3	2	2	3	1	0	0	0	0	15	Obs. N W
S W	1	1	2	3	6	6	13	15	16	23	22	22	22	24	27	25	28	16	7	0	1	0	0	0	286	" S W
S E	28	29	28	26	24	21	17	15	11	7	7	5	7	5	1	1	0	10	17	25	25	24	24	24	381	" S E
N E	1	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	0	1	2	2	2	2	2	2	20	" N E

* The Observations of 3, 20, 21, 22, & 23rd are rejected from the hourly and daily Means.

FORCE OF THE WIND. APRIL 1854.

	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·08	0·05	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·05	0·08	0·01
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·10	·00	·01
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·30	·02
*4	·25	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	Disorder.		·05	·06	·02	?
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·12	·15	·13	·10	·03
6	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·08	·05	·12	·05	·15	·23	·42	·38	·07
7	·30	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·05	·15	·20	·16	·27	·35	·25	·08
8	·48	·20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·12	·17	·22	·95	1·62	1·20	·70	·60	·27
9	·95	·87	·20	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·70	·73	·95	·68	·27	0·50	0·45	·65	·70	·32
10	·30	·18	·12	·03	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·40	·73	·85	·32	·20	·26	·70	·80	·40	·22
11	·17	·13	·08	·02	·00	·00	·00	·03	·02	·02	·00	·00	·0o	·00	·00	·03	·10	·25	·32	·55	1·15	1·00	·95	·90	·24
12	·37	·20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·20	·95	1·42	1·65	1·60	1·10	1·28	·37
13	1·00	·32	·20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·13	·25	·30	0·75	1·35	1·28	1·40	1·10	·34
14	1·20	1·05	·35	·25	·27	·30	·35	·20	·02	·20	·72	·50	·42	·35	·32	·65	·70	·85	·38	1·48	1·90	1·92	2·00	1·20	·73
15	1·58	0·90	·70	·48	·30	·38	·40	·45	·30	·28	·50	·60	·33	·02	·00	·00	·15	·18	·70	1·16	1·96	2·15	2·08	1·45	·71
16	0·95	·98	·45	·40	·38	·15	·08	·10	·02	·00	·00	·00	·00	·00	·03	·50	1·20	·40	·52	1·00	1·20	1·10	1·65	1·72	·53
17	1·25	·80	·75	·35	·38	·10	·02	·08	·03	·12	·15	·08	·15	·00	·00	·18	0·10	·08	·12	0·00	0·00	0·48	0·38	0·40	·25
18	0·40	·10	·08	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·35	·30	·65	·76	·75	·70	·68	·78	·24
19	·35	·32	·28	·35	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·35	·33	·20	·10
*20	·10	·12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·16	·05	·00	·00	Board Stopped.			?
*21	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·35	·40	Board Stopped.			—	—	—	?
*22	·00	10	·03	·02	·10	·03	·25	·35	·17	·08	·00	·00	·00	·00	·00	·20	·60	·30	·03	Board Stopped.			—	—	?
*23	·00	·03	·55	·53	·40	·80	·68	·57	·30	·16	·00	·00	·00	·00	·00	·12	·60	·50	·00	·00	·00	Board Stopped.			?
24	·30	·15	·18	·22	·17	·10	·05	·10	·28	·25	·03	·00	·00	·00	·00	·00	·00	·00	·10	·20	·18	·55	·62	1·15	·19
25	·65	·92	·80	·42	·30	·32	·30	·00	·10	·05	·00	·00	·00	·00	·00	·25	·12	·20	·10	·25	·40	·72	·58	0·50	·20
26	·85	·82	·30	·20	·05	·16	·02	·00	·00	·00	·00	·00	·00	·00	·00	·32	·52	1·05	·85	1·20	·90	·72	·40	·32	·30
27	·28	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·32	·30	0·35	·42	0·68	1·13	1·10	·98	·75	·27
28	·35	·33	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·13	·00	·00	·00	0·25	0·30	·42	·32	·10
29	·62	·45	·20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·35	1·42	·80	·72	·88	·85	·27
30	·25	·18	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·38	0·27	·35	·50	·48	·35	·12
Means.	·52	·37	·16	·11	·08	·00	·05	·04	·03	·04	·06	·05	·04	·01	·02	·15	·23	·25	·31	·52	·68	·73	·73	·64	·23

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of 4, 20, 21, 22 and 23rd are rejected from the hourly and daily Means.

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DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. MAY 1854.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction
Madras Mean Time.	P.M. h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	Paris. p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	13	13	13	12	12	12	12	12	12	12	12	12	12	12	16	16	13	13	13	13	12	12	12	12	142	SEbyS
2	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	16	16	13	14	13	13	13	12	142	SEbyS
*3	12	12	12	12	12	12	12	12	12	12	30	30	30	30	8	31	11	8	9	8	10	10	10	10	?	?
4	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	20	20	13	13	13	13	13	13	15	147	SEbyS
5	13	13	13	13	13	13	14	14	17	18	18	18	18	18	18	18	14	14	14	13	12	12	12	12	167	SbyE
6	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	14	14	146	SEbyS
7	14	13	13	14	14	14	16	16	17	17	17	17	17	20	20	20	19	20	15	16	16	16	18	16	184	S
8	13	13	13	13	13	15	15	15	17	16	17	17	17	17	16	16	17	14	14	14	14	14	14	14	168	SbyE
9	14	14	14	15	15	15	15	16	16	16	17	18	19	20	20	20	20	20	15	15	15	15	15	16	185	S
10	14	14	15	14	15	14	14	14	17	16	18	16	17	17	18	18	17	15	14	14	13	13	13	14	170	SbyE
11	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	16	13	13	12	12	12	12	12	12	145	SEbyS
*12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	6	29	16	7	7	7	7	7	6	6	?	?
13	12	11	12	12	12	12	12	12	12	12	12	14	15	15	20	27	23	15	14	14	14	15	15	15	163	SSE
14	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	23	22	16	16	16	16	16	17	17	187	SbyW
15[2]	17	17	17	16	16	16	22	22	22	22	22	22	22	22	25	24	23	25	17	17	17	17	18	18	225	SW
16[2]	16	18	17	17	17	17	16	18	18	23	23	24	24	24	26	25	25	24	20	20	20	20	20	20	232	SWbyW
17	17	17	17	17	17	17	18	18	18	18	18	18	16	16	20	23	21	17	17	17	16	17	16	16	200	SSW
18	16	16	16	16	16	16	16	16	16	16	16	16	16	16	28	28	25	24	20	20	20	20	20	20	210	SWbyS
19[2]	20	20	16	18	18	16	18	20	20	20	22	22	23	22	22	24	25	24	24	17	17	17	17	16	225	SW
20	16	16	16	16	16	16	17	17	17	17	17	17	17	17	17	17	28	24	13	15	15	16	16	16	192	SbyW
21	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	27	28	24	24	24	15	15	14	16	193	SbyW
22[0]	16	16	16	16	16	16	16	18	20	20	21	22	24	25	28	28	26	24	27	10	16	16	17	16	223	SW
*23	17	18	20	20	20	21	23	21	20	20	20	20	20	20	30	29	0	0	4	12	19	20	20	20	?	?
*24	18	18	16	18	26	26	26	28	28	28	28	28	28	28	28	29	29	0	4	12	16	16	18	10	?	?
25[2]	18	16	19	20	20	20	20	20	21	24	24	24	24	24	26	28	28	28	28	27	27	27	20	20	260	WbyS
26[2]	20	22	22	22	26	21	28	28	27	29	29	29	28	26	25	27	28	28	30	30	30	30	28	24	299	NWbyW
27[2]	20	20	20	20	21	21	22	22	22	22	23	24	24	24	25	28	28	28	28	28	29	28	28	20	270	W
28[2]	20	21	21	21	21	21	21	22	24	24	24	26	28	28	28	29	29	30	30	29	29	23	22	20	277	WbyN
29[2]	20	20	21	21	21	22	22	23	23	24	26	20	20	20	20	20	20	21	21	21	20	19	19	19	236	SWbyW
30[2]	20	21	21	21	23	23	23	23	24	24	25	27	27	28	28	28	28	28	28	28	28	24	20	20	277	WbyN
31[0]	20	21	23	23	23	23	23	23	24	24	24	24	23	24	24	25	28	28	28	28	28	23	20	20	268	W
Hourly Means. No. 1	156°	155°	156°	156°	157°	158°	162°	162°	169°	168°	170°	172°	174°	177°	193°	221°	217°	191°	169°	170°	162°	164°	163°	167°	171°	205°
	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SbE	SbE	SbE	SbE	SbE	S	SbW	SW	SWbS	SbW	SbE	SbE	SSE	SbE	SSE	SbE	SbE	SSW
Hourly Means. No. 2	214	219	219	221	227	225	238	244	251	262	269	270	272	273	283	292	295	295	287	267	267	250	234	218	254	
	SWbS	SWbS	SWbS	SW	SW	SW	SWbW	WSW	WSW	WbS	W	W	W	W	WbyN	WNW	WNW	WNW	WNW	W	W	WSW	SWbW	SWbS	WbS	
No. of Observations, with the Wind in each Quarter: N W	0	0	0	0	2	1	2	2	5	7	8	9	9	10	12	17	13	13	9	7	6	4	2	1	139	Obs. N W
S W	17	17	17	17	15	16	16	17	17	15	15	14	14	13	12	12	12	6	6	9	11	13	16	19	336	" S W
S E	14	14	14	14	14	14	13	12	9	9	8	8	8	8	6	2	5	9	13	14	13	13	12	10	256	" S E
N E	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3	3	1	1	1	1	1	13	" N E

* The Observations of 3, 12, 23, and 24th are rejected from the hourly and daily Means.

FORCE OF THE WIND. MAY 1854.

Day	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·40	0·20	0·05	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·15	0·10	0·15	0·17	0·15	0·15	0·13	0·10	0·07
2	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·22	·25	·12	·00	·03
3	·08	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·30	·35	·38	·20	·06
5	·25	·28	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·13	·15	·00	·00	·04
6	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·38	·50	·65	·67	·85	·14
7	·30	·15	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·68	1·20	1·00	1·40	1·10	·25
8	·98	·37	·25	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·30	·50	·28	·45	·48	0·53	0·40	0·70	0·43	·24
9	·37	·33	·20	·10	·05	·03	·00	·00	·00	·00	·00	·00	·00	·00	·03	·15	·08	·05	·16	·30	·35	·22	·27	·45	·11
10	·10	·17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·02	·00	·15	·35	·42	·48	·65	·45	·12
11	·35	·20	·03	·00	·00	·00	·00	·00	·09	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02
12	·05	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·02	·02	·02	·00	·01
13	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·32	·25	·38	·04
14	·10	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·15	·20	·13	·03
15	·10	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·17	·15	·23	·13	·04
16	·20	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·08	·00	·20	·40	·48	·43	·40	·10
17	·18	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·28	·22	·10	·10	·05
18	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·12	·10	·15	·15	·15	·03
19	·08	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·00	·00	·00
23	·10	·05	·00	·03	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·17	·05	·00	·03
24	·20	·08	·00	·00	·00	·00	·00	·00	·00	·07	·03	·02	·18	·05	·05	·10	·00	·00	·00	·02	·00	·00	·03	·00	·03
25	·10	·12	·15	·12	·23	·18	·10	·05	·00	·00	·00	·00	·00	·00	·00	·38	·35	·80	1·35	·62	·35	·32	·12	·40	·24
26	1·50	·53	·00	·00	·00	·00	·00	·00	·08	·00	·00	·05	·00	·00	·00	·03	·63	1·25	1·13	1·00	1·90	·85	·35	·00	·39
27	0·48	·50	·80	1·45	1·20	1·85	1·45	·35	·32	·52	·20	·05	·00	·00	·00	·90	2·15	3·20	2·60	1·85	0·90	·43	·10	·00	·89
28	·62	1·08	1·00	1·15	0·87	1·08	0·85	·73	·28	·10	·10	1·10	1·25	2·05	2·15	2·10	1·70	1·68	1·10	0·90	·35	·10	·10	·15	·94
29	·75	0·73	0·50	1·10	·60	0·83	·50	·35	·15	·00	·00	0·08	0·90	1·10	1·08	1·40	1·65	1·20	0·50	·25	·10	·12	1·10	1·25	·69
30	1·35	1·28	·80	0·95	·65	·35	·25	·30	·02	·08	·02	·05	·02	0·05	0·12	0·40	0·50	0·55	·63	·20	·20	·10	0·45	0·47	·41
31	0·85	1·30	1·10	·50	·22	·15	·12	·10	·00	·00	·10	·05	·00	·00	·00	·08	·10	·27	·30	·20	·10	·00	·30	·57	·27
Means.	·31	·25	·16	·17	·13	·14	·11	·06	·03	·02	·01	·05	·06	·10	·11	·19	·25	·31	·29	·26	·29	·24	·27	·26	·17

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. JUNE 1854.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	20	20	21	22	22	23	24	26	27	28	29	30	31	31	31	25	28	29	29	28	27	23	16	20	287	wnw
2	20	20	20	21	21	22	23	23	23	23	24	24	24	25	28	29	29	30	31	0	12	17	18	18	261	wbys
3	19	19	20	22	23	23	23	24	25	29	30	30	29	28	28	28	28	26	26	28	24	20	20	20	280	wbyn
4	17	20	20	26	26	26	24	21	20	20	23	24	24	24	28	28	31	29	29	28	27	18	19	19	269	w
*5	16	0	23	19	23	29	28	28	28	26	25	25	27	28	26	27	28	28	28	28	28	29	2	15	?	?
6	20	20	22	23	28	23	23	24	25	28	27	29	29	29	29	31	31	31	31	31	31	0	1	0	310	nw
7	24	20	20	23	22	23	24	24	26	26	28	30	30	30	30	30	30	31	31	31	31	0	19	18	297	wnw
8	18	18	20	20	22	23	25	29	28	26	27	26	25	25	28	29	30	0	0	0	1	13	16	17	278	wbyn
9	21	18	23	28	23	23	22	26	27	27	26	22	22	25	26	28	24	28	29	29	29	30	30	27	286	wbyn
10	20	21	21	28	21	25	0	0	29	25	24	25	27	28	28	29	31	31	31	31	31	0	29	28	309	nwbw
11	29	18	18	18	18	16	16	17	17	18	19	20	21	21	21	21	12	23	23	25	25	24	23	27	234	swbyw
*12	28	9	13	13	16	20	20	20	22	22	22	22	22	22	26	28	29	Board Stopped.			29	30	30	30	?	?
*13	24	23	7	9	15	16	15	15	21	24	24	24	24	24	23	23	24	24	24	24	25	24	B. S.		?	?
14	17	16	17	19	20	20	21	23	23	24	28	28	28	29	29	29	29	29	29	31	29	29	29	18	278	wbyn
15[2]	12	12	12	13	14	17	17	18	26	26	24	25	25	25	24	24	24	24	24	24	24	22	23	12	230	sw
16[2]	12	13	13	15	15	15	17	16	15	15	15	15	20	21	21	21	22	23	23	24	24	23	12	12	198	ssw
17[2]	14	15	16	16	16	16	17	17	19	18	18	18	18	18	16	20	20	23	23	20	13	13	13	13	193	sbyw
18[2]	14	15	15	16	16	16	19	17	17	17	17	17	17	18	24	24	24	24	23	23	23	16	13	14	206	ssw
19[2]	15	16	16	16	16	16	16	16	18	20	25	25	25	23	23	23	24	24	24	24	25	26	14	15	228	sw
20[2]	12	12	12	14	15	15	15	15	18	19	20	24	23	23	24	24	24	24	25	26	27	24	17	12	217	swbys
21[2]	10	10	10	13	15	15	15	14	14	14	17	17	17	17	18	24	25	24	27	26	24	8	6	11	184	s
22[2]	11	12	12	12	14	16	16	16	16	17	17	17	17	17	17	23	24	24	24	24	23	25	12	12	196	sbyw
23[2]	9	8	9	12	14	14	14	15	16	15	15	16	20	16	16	16	16	16	25	24	24	8	6	8	166	sbye
24[2]	10	12	12	12	13	15	15	15	15	16	15	16	17	16	16	16	24	24	25	24	6	6	6	9	167	sbye
25[2]	8	6	8	23	26	24	23	19	20	13	13	24	24	23	22	22	21	20	20	20	20	20	13	14	210	swbys
*26	12	12	12	12	13	14	14	17	18	19	15	18	18	18	18	21	24	26	24	24	Board Stopped.				?	?
27[2]	8	12	12	16	16	12	12	13	14	14	14	15	16	17	17	19	22	22	21	23	21	21	12	10	179	s
28[2]	10	10	10	13	13	14	16	17	18	19	20	20	20	20	17	16	20	22	23	24	26	6	8	7	182	s
29[2]	10	11	11	12	12	16	15	16	16	17	17	23	23	23	22	16	20	21	23	28	8	10	11	11	185	s
30[2]	12	12	12	13	14	14	17	17	18	16	21	22	22	22	22	23	23	25	25	6	6	9	9	9	183	s
Hourly Means. No. 1	° 230 sw	° 216 swbs	° 227 sw	° 256 wbs	° 252 wsw	° 253 wsw	° 263 wbs	° 276 wbs	° 277 wbn	° 280 wbn	° 291 wnw	° 295 wnw	° 297 wnw	° 302 nwbw	° 313 nw	° 312 nw	° 310 nw	° 328 nwbn	° 330 nwbn	° 333 nnw	° 306 nwbw	° 276 wbs	° 260 wbs	° 250 wsw	° 281 wbs	° 231 swbw
Hourly Means. No. 2	125 sebs	134 se	135 se	162 sse	172 sbe	176 s	183 s	182 s	195 sbw	194 sbw	202 ssw	221 sw	228 sw	224 sw	226 sw	233 swbw	250 wsw	255 wbs	268 w	255 wbs	221 sw	178 s	134 se	127 sebs	195 sbw	
No. of Observations, with the Wind in each Quarter. N W	4	0	0	3	3	4	5	6	9	11	13	15	14	13	15	16	21	20	21	22	19	9	9	4	253	Obs. N W
S W	10	13	14	14	15	17	16	15	17	14	12	13	16	17	15	14	8	6	7	4	4	9	4	7	288	„ S W
S E	16	16	15	13	12	9	6	6	4	5	5	2	0	0	0	0	1	0	0	0	3	6	12	15	148	„ S E
N E	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	3	3	5	3	2	22	„ N E

* The Observations of 5, 12, 13, and 26th are rejected from the hourly and daily Means.

FORCE OF THE WIND. JUNE 1854.

	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	1·20	1·35	0·20	0·95	0·05	0·00	0·00	0·40	0·37	0·00	0·18	0·30	0·20	0·00	0·00	0·00	0·00	0·32	0·30	0·28	0·50	0·00	0·00	0·35	0·29
2	0·30	0·13	·22	·25	·18	·20	·17	·00	·08	·05	·00	·00	·00	·00	·45	·68	·72	·35	·20	·05	·00	·03	·00	·08	·17
3	·10	·00	·00	·00	·30	·27	·05	·10	·00	·15	·05	·10	·00	·00	·00	·12	·10	·00	·00	·03	·00	·10	·20	·35	·08
4	·40	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·25	·22	·27	·30	·25	·10	·08	·18	·50	·10	·11
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·08	·35	·85	·05	1·15	1·28	·40	·15	·20	·08	·23
6	·00	·00	·50	·25	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·55	·70	·75	·77	0·95	0·30	·25	·10	·05	·00	·22
7	·00	·03	·12	·25	·08	·03	·17	·10	·00	·00	·03	·10	·03	·05	·03	·18	·30	·58	·75	·28	·22	·05	·08	·07	·14
8	·00	·00	·15	·08	·05	·38	·00	·30	·25	·00	·00	·00	·00	·00	·00	·10	·22	·08	·00	·00	·00	·00	·07	·05	·11
9	·20	·00	·10	·00	·05	·00	·03	·30	·00	·00	·00	·00	·00	·03	·00	·00	·00	·00	·00	·00	·00	·10	·38	·20	·06
10	·10	·28	·12	1·25	·15	·35	·13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·28	·30	·38	·75	·60	·15	·21
11	·00	·00	·00	0·00	·00	·00	·00	·02	·02	·00	·00	·00	·00	·00	·00	·00	·95	·68	·50	1·55	·50	·25	·08	·00	·19
*12	·15	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·25	B. S.		·15	·10	·10	·13	?
*13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·90	·83	1·45	·95	0·98	·35	·50	B. S.		?
14	·08	·10	·05	·25	·00	·12	·10	·08	·05	·00	·20	·00	·03	·10	·18	·30	·50	0·45	·48	·25	·18	·08	·07	·07	·16
15	·25	·12	·05	·02	·10	·20	·00	·00	·05	·00	·00	·53	·38	·25	·28	·35	1·10	1·00	1·25	·95	·38	·27	·20	·20	·33
16	·35	·20	·10	·25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	0·18	0·28	0·28	·12	·15	·00	·10	·60	·11
17	·25	·65	·70	1·45	1·30	1·55	·85	·30	·20	·08	·00	·00	·00	·00	·00	·00	·05	·10	·10	·10	·10	·20	·23	·35	·36
18	·32	·40	·35	0·55	1·60	1·50	·28	·07	·05	·00	·00	·00	·00	·00	·20	·50	·40	·38	·20	·22	·20	·10	·08	·12	·31
19	·25	·27	·30	·43	0·75	0·05	·00	·03	·00	·00	·00	·00	·00	·00	·00	·10	·15	·13	·17	·08	·05	·07	·12	·08	·13
20	·00	·00	·00	·10	·15	·05	·07	·02	·00	·00	·00	·00	·00	·00	·00	·02	·08	·10	·10	·00	·03	·02	·00	·05	·03
21	·00	·00	·00	·00	·10	·00	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·30	·20	·17	·15	·10	·00	·00	·03	·05
22	·15	·02	·00	·00	·00	·20	·00	·00	·07	·03	·00	·00	·00	·00	·00	·00	·00	·27	·12	·08	·05	·07	·02	·05	·05
23	·13	·03	·00	·00	·08	·13	·35	·00	·00	·00	·00	·00	·00	·00	·07	·20	·55	·53	·20	·00	·00	·00	·00	·00	·09
24	·00	·00	·00	·00	·00	·05	·10	·08	·10	·03	·02	·00	·00	·00	·00	·00	·03	·00	·08	·00	·00	·00	·00	·00	·02
25	·00	·00	·00	·34	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·15	·07	·00	·00	·02
*26	·00	·00	·00	·00	·02	·15	·25	·12	·00	·00	·00	·00	·00	·00	·00	·00	·03	·02	·00	·08	·08	Board Stopped.			?
27	·00	·00	·00	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·00	·00	·00
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·00	·00	·00	·00	·00	·00
29	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
30	·00	·00	·00	·00	·00	·00	·00	·20	·33	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03
Means.	·15	·14	·11	·21	·19	·19	·09	·07	·06	·02	·02	·04	·02	·02	·08	·14	·28	·29	·28	·23	·14	·10	·11	·11	·13

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of 12, 13, and 26th are rejected from the hourly and daily Means.

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DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. JULY 1854.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	P.M. h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	11	11	12	13	13	13	17	16	16	17	19	20	20	20	20	20	20	23	26	24	25	25	23	25	210	swbys
2[2]	10	10	23	14	14	14	16	16	15	16	16	22	22	22	6	6	7	7	7	8	5	8	8	7	140	SE
*3	Board	Stopped.		—	—	—	—	—	—	—	—	—	—	—	—	20	21	21	21	22	23	23	20	15	?	?
4	18	10	12	12	12	12	16	17	17	18	18	19	19	20	20	21	24	21	24	23	23	23	23	22	210	swbys
5	22	24	16	16	16	17	24	25	22	23	23	23	24	24	24	24	24	24	24	25	21	23	27	12	247	wsw
*6	12	12	13	15	12	13	19	16	20	20	22	22	22	23	22	23	23	24	25	28	28	29	8	10	?	?
*7	12	13	13	14	15	15	16	16	20	25	18	13	13	13	13	13	25	27	28	29	10	10	12	12	?	?
*8	10	10	11	12	12	15	16	13	16	20	21	25	24	22	22	24	25	26	28	31	29	28	0	8	?	?
*9	9	12	13	13	13	14	14	14	15	16	20	20	22	24	25	27	27	28	29	31	31	31	4	6	?	?
*10	8	8	8	8	9	12	15	16	16	18	20	21	22	23	21	22	24	23	21	28	30	8	12	12	?	?
11	11	13	14	15	15	17	18	20	21	21	21	21	21	21	20	17	20	21	22	23	20	20	20	20	212	swbys
12	20	19	18	18	20	20	21	21	23	20	23	23	22	20	20	20	20	20	20	24	24	23	18	17	230	sw
13	18	20	19	17	16	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	21	20	221	sw
14	19	17	17	24	21	21	20	20	20	20	20	20	20	20	19	18	18	22	23	23	21	20	20	23	228	sw
15	21	20	18	20	20	20	18	20	20	20	21	22	22	20	20	21	22	22	24	24	24	24	24	23	239	swbyw
16	19	18	18	19	20	20	20	20	20	20	21	21	20	20	18	22	23	23	23	23	23	23	21	21	232	swbyw
17	17	18	18	18	16	21	21	21	21	21	20	20	20	20	19	18	19	20	21	22	22	22	24	23	226	sw
18	23	19	20	20	20	22	22	22	21	22	23	23	20	20	20	21	22	23	23	23	23	24	23	24	247	wsw
19	18	16	16	16	16	15	15	15	15	22	23	21	20	20	20	20	20	20	21	22	23	23	25	25	219	swbys
*20	24	0	7	7	8	8	8	8	23	24	24	21	21	21	21	21	21	22	22	23	23	21	21	[illegible]	?	?
*21	10	10	16	16	15	15	15	28	28	24	24	29	29	26	26	24	23	24	26	28	28	24	24	6	?	?
*22	28	28	8	14	14	14	16	17	18	18	0	1	0	0	2	24	26	27	27	26	27	28	30	8	?	?
*23	0	0	30	30	8	9	9	10	8	7	7	7	8	8	9	11	10	12	12	13	12	12	4	4	?	?
*24	Board	Stopped.		—	—	13	15	15	15	19	18	18	18	18	19	17	19	19	20	20	20	20	21	21	?	?
25	25	20	28	26	31	31	31	28	28	24	25	24	23	23	23	23	24	21	21	23	23	23	24	23	282	wbyN
26	22	19	20	20	20	21	21	21	24	24	24	24	24	24	24	22	22	23	23	23	22	21	20	12	244	wsw
27	13	13	14	14	15	15	16	16	16	17	17	17	17	18	20	21	21	20	21	20	22	16	14	14	191	sbyw
28	14	14	14	16	16	16	17	17	17	18	19	19	19	24	24	26	26	24	25	25	23	15	15	15	215	swbys
29	13	14	14	14	14	16	16	16	17	16	16	16	16	21	23	24	24	24	24	23	23	23	23	21	211	swbys
30	9	9	17	19	26	22	22	20	20	21	21	23	23	23	21	22	23	23	24	24	23	21	23	23	235	swbyw
*31	22	9	10	22	23	23	23	24	24	28	0	1	2	2	24	25	25	25	25	25	25	26	26	25	?	?
Hourly Means.	° 195 sbw	° 184 s	° 190 sbw	° 198 ssw	° 204 ssw	° 211 swbs	° 221 sw	° 221 sw	° 225 sw	° 228 sw	° 234 swbw	° 235 swbw	° 231 swbw	° 236 swbw	° 234 swbw	° 238 swbw	° 245 wsw	° 250 wsw	° 257 wbs	° 259 wbs	° 253 wsw	° 243 wsw	° 242 wsw	° 224 sw	° 227	sw
No. of Observations with the Wind in each Quarter NW	3	2	2	3	2	1	2	4	5	6	4	4	4	5	8	8	11	12	15	14	10	9	8	4	144	Obs. NW
SW	12	10	13	13	12	14	21	20	20	23	23	22	22	21	20	20	18	17	14	15	18	17	14	11	410	,, SW
SE	13	15	13	12	15	15	7	6	5	0	0	1	2	2	2	2	1	1	1	2	2	5	6	12	140	,, SE
NE	1	2	1	1	0	0	0	0	0	1	3	3	2	2	2	1	1	1	1	0	1	0	3	4	30	,, NE

The Observations of 3, 6, 7, 8, 9, 10, 20, 21, 22, 23, 24, and 31st are rejected from the hourly and daily Means.

FORCE OF THE WIND. JULY 1854.

	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
*3	Board	Stopped.		—	—	—	—	—	—	—	—	—	—	—	—	·00	·00	·08	·15	·22	·00	·00	·00	·00	?
4	·00	·18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·38	·26	·65	·75	·45	·38	·25	·14
5	·45	·20	·00	·00	·00	·00	·43	·00	·00	·00	·42	·25	·13	·00	·00	·10	·20	·18	·30	·15	·12	·00	·07	·05	·13
6	·22	·10	·60	·00	·00	·00	·25	·00	·00	·00	·00	·00	·00	·00	·00	·05	·15	·20	·18	·00	·00	·00	·00	·00	·07
7	·00	·03	·00	·00	·28	·15	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·00	·00	·00	·03
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·00	·00	·03	·00	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·30	·08	·00	·00	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·72	·25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04
11	·00	·00	·00	·00	·00	·25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·08	·00	·72	·35	·20	·07
12	·80	·30	·35	·55	·58	·00	·00	·17	·08	·00	·12	·20	·28	·00	·00	·00	·00	·00	·15	·75	·90	·72	·50	·10	·27
13	·08	·63	·67	·00	·00	·00	·00	·05	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·02	·15	·30	·20	·09
14	·10	·08	·05	1·25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·37	·35	·00	·00	·10	·10
15	·00	·00	·00	0·00	·48	·50	·00	·10	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·65	·50	·50	·00	·00	·12
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·30	·00	·00	·00	·00	·25	·60	1·15	·97	·95	1·60	1·20	·87	·33
17	·08	·17	·08	·12	·00	·55	·40	·38	·12	·15	·00	·00	·00	·00	·00	·00	·00	·27	0·62	·85	·83	0·35	0·53	·20	·24
18	·15	·10	·00	·00	·00	·17	·30	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·27	·32	·22	·37	·28	·12	·10	·11
19	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·30	·60	·58	·52	·53	·28	·30	·14
20	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·10	·30	·25	·35	·15	·10	·00	·00	·06
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·12	·15	·22	·00	·00	·00	·05	·02
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·35	·35	·10	·08	·07	·00	·00	·04
23	·00	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·35	·20	·05	·00	·00	·03
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·35	·72	·88	·50	·87	·00	·00	·14
*25	Board	Stopped.		—	—	·00	·00	·00	·00	·00	·10	·08	·00	·00	·00	·00	·12	·25	·37	·42	·48	·40	·00	·30	?
26	·00	·00	·00	·00	·00	·00	·00	·00	·20	·05	·05	·07	·32	·10	·08	·00	·10	·25	·37	·50	·45	·35	·10	·12	·13
27	·22	·55	·60	·30	·58	·64	·20	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·12	·10	·16	·13	·10	·10	·16
28	·68	·72	·75	·82	·15	·03	·08	·03	·03	·02	·00	·00	·00	·00	·00	·12	·30	·32	·30	·35	·27	·08	·00	·10	·21
29	·25	·28	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·18	·17	·42	·30	·28	·16	·16	·20	·25	·11
30	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·25	·28	·37	·23	·15	·10	·00	·06
31	·00	·12	·00	·28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·00	·00	·65	1·02	·80	·85	·55	·10	·03	·08	·19
Means.	·11	·12	11	·11	·07	·08	·06	·03	·02	·04	·04	·03	·03	·01	·00	·02	·08	·19	·26	·33	·28	·25	·15	·11	·11

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of 3, and 25th are rejected from the hourly and daily Means.

DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. AUGUST 1854.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1[2]	22	15	15	24	13	12	12	24	24	24	24	23	23	21	23	23	23	23	25	25	25	25	25	25	244	wsw
2[2]	23	24	23	21	21	18	16	23	24	24	24	24	24	21	24	23	24	24	25	24	24	24	24	24	250	wbys
3	25	17	10	12	16	15	14	15	16	16	22	24	24	24	23	23	24	21	24	25	23	23	23	13	223	sw
4	13	15	15	13	16	16	17	17	16	16	15	18	18	18	18	21	24	24	24	24	24	21	14	15	202	ssw
5	13	13	12	12	13	16	16	19	21	21	25	24	31	24	24	21	23	23	24	24	24	25	13	12	223	sw
*6	12	12	14	16	16	16	16	19	22	22	25	25	30	31	29	23	17	20	21	23	24	Board Stopped.			?	?
7[2]	19	12	16	16	15	15	16	20	21	26	30	26	22	21	20	19	18	19	21	22	24	24	26	28	234	swbyw
8	18	12	13	12	15	12	14	15	16	16	17	17	17	17	17	20	21	21	21	22	23	23	22	19	197	ssw
9	12	10	10	12	12	12	13	15	20	8	8	8	8	8	8	7	17	23	22	23	25	24	12	12	154	ssE
10	16	16	14	14	20	20	15	15	16	16	17	17	17	17	19	18	18	18	21	22	22	23	21	13	199	ssw
*11	5	6	6	6	6	20	20	19	17	17	17	17	17	24	22	23	25	26	27	27	26	26	29	26	?	?
12[2]	28	13	15	14	13	13	13	19	20	20	21	23	23	23	23	24	24	24	24	24	26	26	26	26	237	swbyw
13[2]	28	19	15	29	28	28	28	28	29	29	29	23	24	24	24	25	25	27	27	28	28	29	31	24	294	wNw
14	12	12	14	19	16	17	18	17	17	18	18	18	19	18	19	23	24	24	26	26	28	29	12	13	214	swbys
*15	12	13	15	17	17	17	18	20	21	21	21	21	20	19	20	23	25	25	27	30	8	9	11	12	?	?
*16	12	12	14	14	16	16	17	20	20	20	20	21	22	23	23	26	26	28	28	30	30	0	12	8	?	?
*17	6	8	8	8	10	11	17	18	19	20	22	21	21	22	22	23	25	27	24	29	3	12	12	31	?	?
*18	11	16	15	19	22	23	25	22	21	21	20	20	24	24	25	28	31	1	10	13	14	16	16	16	?	?
*19	14	15	27	4	10	16	16	19	23	23	25	25	25	25	16	27	29	31	0	3	4	4	16	16	?	?
20	20	20	13	16	16	16	16	16	16	16	16	16	16	16	16	16	16	19	23	23	23	27	12	12	195	sbyw
21	13	14	14	14	15	17	17	17	17	18	18	19	20	21	22	22	24	23	24	23	22	23	24	25	218	swbys
22[2]	24	23	16	16	17	17	17	17	18	20	20	20	21	21	22	23	28	1	0	0	31	30	11	11	264	wbys
*23	9	10	11	19	20	20	20	25	24	24	19	21	23	24	24	24	24	26	0	6	11	28	11	18	?	?
24[2]	17	15	16	17	21	22	22	22	22	20	20	20	20	20	20	24	25	26	28	30	14	15	15	15	228	sw
25	13	14	21	20	20	20	20	20	20	13	14	15	17	19	20	20	20	20	21	18	10	12	13	13	194	sbyw
*26	Board Stopped.			—	—	—	—	—	—	—	—	—	—	—	24	24	24	26	20	22	23	16	17	16	?	?
27[2]	15	15	17	20	18	18	18	20	20	20	20	21	21	21	20	20	24	20	20	21	15	16	17	17	227	sw
28	16	16	19	20	21	19	19	19	21	21	21	21	21	22	22	22	23	26	31	16	12	13	13	12	218	swbys
29	12	12	12	12	12	12	17	18	18	19	20	21	24	22	22	22	31	30	30	30	20	20	20	14	220	sw
30[2]	12	12	12	12	12	12	15	18	28	28	28	24	23	27	29	23	23	26	24	24	24	24	24	23	238	swbyw
*31	23	13	14	14	14	16	16	16	17	16	18	18	17	17	19	21	24	24	25	24	27	6	8	9	?	?
Hourly Means No. 1	° 172 sbE	° 160 ssE	° 157 ssE	° 165 sbE	° 180 s	° 180 s	° 184 s	° 190 sbw	° 201 ssw	° 186 sbw	° 198 ssw	° 204 ssw	° 215 swbs	° 212 swbs	° 216 swbs	° 220 sw	° 248 wsw	° 258 wbs	° 273 w	° 259 wbs	° 240 swbw	° 247 wsw	° 187 sbw	° 162 ssE	° 206 ssw	° 231 swbw
Hourly Means No. 2	235 swbw	185 s	181 s	211 swbs	197 ssw	194 sbw	196 sbw	239 ssw	261 wbs	264 wbs	270 w	255 wbs	251 wsw	256 wbs	256 wbs	255 wbs	267 w	302 nwbw	300 nwbw	292 wnw	264 wbs	266 w	289 wnw	279 wbs	249 wsw	
No. of Observations with the Wind in each Quarter N W	4	1	1	2	1	1	2	4	6	6	8	7	8	11	8	8	20	18	18	16	15	14	8	7	194 Obs.	N W
S W	9	7	7	13	16	20	21	22	24	22	19	21	21	18	22	22	11	11	9	11	7	9	8	8	358 „	S W
S E	16	21	21	13	12	9	7	4	0	2	3	2	1	1	1	0	0	0	1	1	7	4	14	15	155 „	S E
N E	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	1	0	2	3	3	2	3	0	0	20 „	N E

* The Observations of 6,11,15,16,17,18,19,23,26, and 31st are rejected from the hourly and daily Means.

FORCE OF THE WIND. AUGUST 1854.

Day	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·05	0·00	0·07	0·08	0·05	0·00	·000	0·05	0·25	0·23	0·00	0·00	0·00	0·10	0·00	0·00	0·00	0·30	2·25	2·10	1·55	0·85	0·98	0·92	0·41
2	·80	·38	·90	·15	·00	·00	·00	·00	·00	·25	·10	·00	·00	·00	·00	·00	·85	1·35	1·25	0·85	0·25	·18	·10	·50	·33
3	·55	·13	·00	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·65	0·40	0·45	·48	·00	·00	·00	·00	·11
4	·35	·15	·00	·00	·10	·13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·07	·05	·03	·15	·30	·06
5	·47	·00	·00	·00	·00	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·00	·00	·00	·00	·03
*6	·05	·07	·00	·10	·00	·00	·10	·00	·00	·00	·00	·13	·00	·00	·00	·00	·00	·00	·00	·00	·00	Board Stopped.			?
7	·00	·00	·00	·00	·00	·10	·00	·00	·25	·20	·10	·00	·00	·00	·00	·00	·00	·05	·08	·03	·05	·00	·00	·00	·04
8	·00	·05	·00	·00	·00	·00	·00	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·08	·00	·01
9	·00	·00	·00	·00	·00	·00	·00	·00	1·85	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·08
10	·75	·20	·00	·00	·00	·00	·00	·00	0·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·00	·12	·00	·05	·05
11	·10	·20	·00	·00	·00	·25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·25	·60	·62	·28	·00	·15	·11
12	·00	·15	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·30	·03	·00	·00	·03
13	·00	·10	·00	·30	·46	·58	·55	·63	·45	·38	·00	·00	·00	·00	·00	·00	·00	·15	·00	·00	·00	·00	·00	·00	·15
14	·00	·00	·00	·08	·35	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·30	·00	·00	·00	·20	·04
15	·10	·05	·25	·00	[illegible]	·00	·40	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·08	·00	·00	·00	·00	·35	·45	·03	·00	·00	·00	·00	·04
17	·00	·00	·00	·00	·00	·00	·00	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·00	·00	·00	·00	·00	·00
18	·00	·00	·00	·00	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·30	·22	·02
19	·25	·03	·35	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·0.
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·25	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01
23	·00	·00	·00	·35	·00	·00	·00	·00	·00	·00	·00	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·00	·02
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·05	·00	·00
25	·00	·00	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·30	·32	·00	·00	·00	·00	·00	·00	·00	·00	·03
*26	Board Stopped.			—	—	—	—	—	—	—	—	—	—	·00	·00	·08	·00	·00	·00	·00	·00	·10	·40	·38	?
27	·58	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·25	·35	·45	·07
28	·80	·65	·15	·00	·00	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·35	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02
31	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
Means.	·17	·07	·07	·03	·03	·04	·02	·03	·10	·04	·01	·01	·01	·02	·01	·01	·05	·10	·17	·16	·10	·06	·07	·10	·06

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of 6, and 26th are rejected from the hourly and daily Means.

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DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. SEPTEMBER 1854.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction.
Madras Mean Time.	P.M. h.m. 4 41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1[2]	11	11	13	14	16	16	16	17	19	20	19	22	22	22	22	28	26	26	27	27	28	27	27	27	236	swbyw
2[2]	14	14	15	15	16	16	17	18	20	20	20	21	21	21	21	21	21	21	21	21	23	25	24	24	220	sw
3[2]	13	15	16	16	16	16	16	17	18	19	20	20	20	20	20	22	24	25	25	27	20	20	29	18	230	sw
4[2]	10	11	12	12	12	12	12	12	16	24	28	28	28	28	24	24	24	25	25	28	26	28	28	25	235	swbyw
5[2]	23	13	14	14	14	15	16	16	17	20	21	21	21	21	21	21	24	25	24	23	23	23	22	15	219	swbys
6[2]	18	24	18	18	18	18	20	24	24	24	27	26	25	24	24	24	24	24	24	24	24	25	23	23	256	wbys
7[2]	20	25	26	26	28	28	28	28	24	24	24	24	24	24	20	21	22	23	24	23	23	23	22	23	270	w
8[2]	20	20	18	18	24	23	24	24	24	24	24	24	24	22	21	21	21	21	21	21	22	21	21	21	246	wsw
9[2]	21	21	21	21	21	21	23	23	24	24	24	24	24	23	23	23	23	23	24	23	23	22	22	22	255	wbys
10[2]	20	19	19	28	20	19	20	21	23	23	24	24	23	22	23	24	23	23	23	24	24	24	24	24	254	wbys
11	13	12	8	8	9	9	10	11	9	9	9	9	9	9	9	13	14	14	14	14	14	14	14	14	126	sebye
12[2]	10	15	16	16	16	16	17	17	18	19	19	20	19	19	20	24	24	24	24	24	24	24	23	14	217	swbys
13[2]	15	16	16	16	16	16	17	18	19	19	23	23	23	23	23	23	23	23	23	24	24	24	13	13	231	swbyw
*14	15	15	15	15	15	16	16	16	17	19	19	19	16	16	17	22	Board	Stopped.		—	—	—	—	—	?	?
*15	12	12	12	12	12	17	17	17	16	0	0	0	0	0	0	31	31	20	21	22	23	13	12	12	?	?
*16	14	13	12	12	17	16	17	18	20	20	20	20	21	20	20	21	23	24	25	26	28	31	7	7	?	?
*17	11	11	12	12	12	13	13	16	16	16	16	17	17	18	18	18	19	23	25	30	10	8	9	9	?	?
*18	11	11	11	12	12	13	13	14	15	15	15	15	15	16	16	17	18	23	27	26	31	8	8	8	?	?
19	7	4	7	8	8	9	16	17	19	19	20	20	20	20	21	21	21	24	11	11	11	11	11	11	163	sse
*20	13	13	14	15	15	15	15	15	20	20	19	20	20	20	22	22	23	28	30	31	8	11	11	11	?	?
21[2]	14	14	14	17	17	17	17	19	20	20	20	17	17	17	17	20	25	28	28	29	28	27	27	27	232	swbyw
22[2]	21	18	13	15	15	16	16	16	17	17	18	20	23	23	23	24	28	28	29	28	28	28	30	30	246	wsw
*23	25	25	12	15	15	15	16	17	17	20	22	23	24	24	21	24	24	24	24	24	24	24	B. S.		?	?
24[2]	26	28	28	28	28	20	22	22	22	22	22	22	22	22	22	23	23	26	26	26	20	22	21	11	262	wbys
25[2]	15	15	15	16	16	16	16	17	17	17	17	18	20	20	24	24	24	24	24	25	25	26	20	13	217	swbys
26	12	12	12	14	16	16	16	17	17	17	17	17	17	17	17	18	20	24	26	12	12	12	12	12	179	s
27	10	10	10	10	10	10	10	10	10	16	16	16	16	16	16	16	16	17	16	12	9	11	8	6	139	se
28	8	9	9	12	12	12	12	12	12	12	17	17	20	24	24	26	24	21	24	22	20	12	12	12	182	s
29[2]	12	23	28	22	22	22	22	20	18	16	15	19	24	19	19	23	24	28	28	28	18	18	12	12	231	swbyw
30	12	12	12	8	12	12	12	12	24	17	17	20	8	14	13	16	23	23	20	20	18	18	15	13	174	sbye

* The Observations of 14, 15, 16, 17, 18, 20, and 23rd are rejected from the hourly and daily Means.

Hourly Means.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Means	Mean Direction
No. 1	116° ese	111° ese	109° ese	112° ese	126° sebe	128° sebe	145° sebs	148° sebs	171° sbe	169° sbe	180° s	186° sbw	169° sbe	188° sbw	188° sbw	206° ssw	221° sw	236° swbw	208° ssw	171° sbe	158° sse	146° sebs	135° se	128° sebe	161° sse	218° swbs
No. 2	187 sbw	200 ssw	200 ssw	206 ssw	208 ssw	203 ssw	211 swbs	218 swbs	225 sw	233 swbw	242 wsw	247 wsw	250 wsw	245 wsw	243 wsw	258 wbs	267 w	276 wbn	278 wbn	281 wbn	277 wbn	275 w	257 wbs	226 sw	238 swbw	

No. of Observations, with the Wind in each Quarter.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total	
N W	2	4	3	3	3	1	2	3	5	5	6	6	7	5	5	10	13	17	20	17	14	13	7	6	177	Obs. N W
S W	7	6	7	9	13	18	20	20	21	21	20	21	19	22	22	19	15	11	7	8	9	7	8	5	335	" S W
S E	20	19	19	18	14	11	8	7	4	3	3	2	3	2	2	1	1	1	2	4	6	9	12	15	186	" S E
N E	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	2	12	" N E

FORCE OF THE WIND. SEPTEMBER 1854.

	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·10	0·28	0·48	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·10	0·00	0·00	0·00	0·00	0·04
2	·05	·00	·00	·00	·07	·40	·40	·50	·15	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·73	·85	·00	·00	·00	·00	·05	·00	·00	·00	·00	·00	·00	·00	·00	·07
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·00	·00	·05	,03	·00	·07	·01
6	·00	·07	·00	·00	·00	·00	·00	·65	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03
7	·00	·00	·00	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·12	·35	·10	·18	·22	·50	·07
8	·15	·00	·05	·03	·00	·17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·32	·55	·35	·07
9	·18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·38	·27	·25	·05
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·40	·67	·17	·00	·06
11	·00	·00	·05	·13	·15	·00	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·22	·25	·42	·18	·10	·05	·00	·07
12	·00	·00	·02	·00	·30	·35	·28	·10	·00	·00	·00	·00	·00	·00	·00	·00	·35	·85	·92	·65	·72	·50	·45	·00	·23
13	·00	·05	·08	·35	·30	·45	·28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·30	·33	·18	·13	·00	·00	·00	·11
*14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	Board	Stopped.		—	—	—	—	—	?
15	·17	·00	·00	·00	·00	·20	·18	·00	·00	·13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03
16	·00	·00	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·01
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	,00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·08	·00	·00	·00	·00
21	·00	·03	·00	·00	·00	·00	·00	·00	·00	·00	·18	·00	·00	·00	·00	·00	·00	·00	·08	·00	·00	·00	·00	·00	·01
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·10	·02	·05	·08	·00	·00	·00	·00	·00	·00	·00	·02
*23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·25	·08	·00	·00	·08	·18	·25	·32	·23	·20	·10	B. S.—		?
24	·03	·05	·10	·15	·08	·00	·03	·02	·00	·00	·00	·00	·00	·00	·00	·40	·20	·45	·00	·00	·15	·10	·00	·00	·07
25	·10	·05	·04	·00	·48	·60	·78	·65	·15	·00	·00	·00	·00	·00	·00	,08	·30	·35	·40	·35	·20	·00	·00	·18	·20
26	·05	·02	·00	·00	·07	·10	·05	·10	·00	·00	·00	·00	·00	·00	·00	·18	·00	·00	·00	·03	·00	·15	·17	·05	·04
27	·15	·00	,00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·17	·00	·01
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·12	·10	·01
29	·08	·00	·00	,00	·00	·00	·00	·00	·00	·32	·00	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02
30	·00	·00	·00	·00	·00	·00	·00	·00	·85	·00	·00	·28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·02	·05
Means.	·03	·01	·02	·03	·05	·08	·07	·07	·04	·06	·05	·01	·00	·00	·00	·03	·04	·09	·08	·08	·08	·09	·08	·05	·05

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of 14 and 23rd are rejected from the hourly and daily Means.

DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. OCTOBER 1854.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1[2]	12	12	13	13	13	13	16	20	23	23	24	24	22	20	16	19	22	24	24	24	22	17	17	17	211	swbys
*2	12	12	12	12	12	12	12	13	13	13	19	19	20	20	24	24	24	24	24	25	27	3	10	11	?	?
*3	10	10	10	6	0	0	0	0	0	31	19	19	20	21	25	26	24	18	13	13	31	10	10	8	?	?
4[2]	13	10	10	10	21	22	22	23	23	23	23	23	22	21	21	24	22	24	16	15	19	23	24	18	221	sw
*5	15	16	16	16	16	19	16	17	19	19	20	20	20	24	29	29	29	29	29	0	0	3	8	5	?	?
*6	3	4	4	4	4	4	4	4	4	4	4	4	4	4	28	20	20	20	14	12	12	12	12	12	?	?
*7	12	12	12	12	12	12	14	17	17	19	27	25	25	25	24	28	28	30	31	28	29	31	31	4	?	?
8[2]	8	8	9	9	9	10	10	10	10	10	10	10	10	10	10	22	21	21	20	13	13	13	13	13	137	SE
9[2]	12	13	13	13	13	13	13	13	13	13	19	19	19	19	19	21	21	20	18	16	15	15	15	15	178	S
10[2]	13	13	16	24	24	24	24	24	24	24	24	24	24	24	24	20	19	17	18	13	13	13	13	15	221	sw
11[2]	13	13	13	13	13	14	14	14	14	17	17	17	17	17	19	20	20	18	17	13	13	13	13	15	172	sbyE
12[2]	15	15	15	15	15	15	15	15	14	14	14	14	14	14	14	14	14	13	13	13	13	13	13	14	158	SSE
13[2]	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	20	20	18	12	11	12	11	10	11	144	sEbys
14	9	8	8	8	8	8	8	8	8	8	10	8	8	10	10	10	11	8	9	9	10	9	9	8	98	Ebys
15[2]	10	13	13	13	13	13	13	13	13	16	19	20	20	20	20	20	20	22	22	22	13	11	8	10	177	S
16	8	8	8	8	8	8	8	1	1	0	0	0	0	0	0	31	31	31	13	13	13	13	13	13	62	ENE
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	1	0	1	4	4	4	4	8	NbyE
18	4	1	1	1	0	0	0	0	0	31	6	4	4	4	4	0	0	0	0	0	0	31	31	1	13	NbyE
19	0	0	1	1	0	0	0	31	31	0	0	0	0	31	31	31	31	31	0	0	31	31	1	2	358	N
20	0	0	0	0	31	31	31	29	29	29	30	30	30	31	31	31	31	31	31	31	31	30	31	31	286	wbyN
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	0	0	0	1	0	0	0	0	N
22	0	0	31	0	31	31	30	30	30	30	30	30	30	30	30	30	30	30	30	30	31	0	0	4	272	W
23	4	4	4	4	4	4	4	4	4	4	4	4	0	0	0	30	30	29	10	10	9	9	9	9	45	NE
24	11	12	12	12	12	12	12	12	12	12	12	3	3	3	3	2	2	3	12	12	12	12	10	9	102	Ebys
25[2]	15	16	16	19	12	25	29	21	20	20	20	20	20	20	20	12	16	16	16	19	16	16	15	15	203	SSW
26	6	6	6	6	5	5	5	4	0	21	16	20	26	26	26	27	30	4	3	3	4	6	5	3	3	N
*27	3	3	2	1	1	1	31	31	31	31	30	29	24	24	23	21	21	3	3	20	16	13	9	9	?	?
*28	12	12	12	12	12	12	14	16	20	20	20	20	20	28	28	28	30	30	0	0	4	8	12	13	?	?
29[2]	14	14	15	17	16	18	18	18	19	21	21	21	21	21	21	20	20	20	20	20	9	9	9	8	192	sbyw
30[2]	16	16	16	16	16	16	17	17	17	17	18	20	20	20	20	20	20	20	18	17	16	16	15	15	196	sbyw
31[2]	15	16	17	17	15	16	16	16	21	21	21	21	21	21	21	21	25	21	16	15	15	13	12	12	199	SSW
Hourly Means. No.1	° 43 NE	° 40 NE	° 40 NE	° 41 NE	° 36 NEbN	° 36 NEbN	° 35 NEbN	° 24 NNE	° 19 NNE	° 7 NbE	° 12 NbE	° 3 N	° 5 N	° 7 NbE	° 7 NbE	° 0 N	° 2 N	° 8 NbE	° 45 NE	° 46 NE	° 51 NEbE	° 50 NE	° 50 NE	° 53 NEbE	° 28 NNE	° 113 ESE
Hourly Means. No.2	146 SEbS	149 SEbS	155 SSE	156 SSE	166 SbE	183 S	190 SbW	187 SbW	193 SbW	200 SSW	210 SWbS	213 SWbS	210 SWbS	208 SSW	206 SSW	220 SW	226 SW	221 SW	199 SSW	183 S	164 SbE	158 SSE	153 SSE	154 SSE	185 S	
No. of Observations, with the Wind in each Quarter NW	0	0	1	1	3	4	5	5	5	6	6	6	6	9	11	12	14	11	6	5	6	4	4	1	131	Obs. NW
SW	1	4	5	5	4	5	6	9	9	12	13	13	13	11	10	12	13	12	10	6	5	4	1	2	181	„ SW
SE	20	17	16	14	15	13	12	9	9	7	5	4	4	4	4	3	2	2	8	13	14	17	21	20	253	„ SE
NE	10	10	9	11	9	9	8	8	8	6	7	8	8	7	6	4	2	6	7	7	6	6	5	8	175	„ NE

* The Observations of 2, 3, 5, 6, 7, 27 and 28th are rejected from the hourly and daily Means.

FORCE OF THE WIND. OCTOBER 1854.

	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs
1	0·00	0,00	0·00	0·00	0,00	0·00	0·20	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·01
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·32	·00	·00	·00	·00	·00	·01
5	·05	·15	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·00	·05	·00
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·08	·13	·02	·20	·02
11	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·03	·12	·20	·38	·53	·40	·08
12	·18	·08	·00	·00	·00	·00	·00	·00	,00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·30	·15	·20	·23	·32	·07
13	·28	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·05	·02
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·00	·00
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
16	·00	·00	·00	·00	·00	·00	·00	·18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·55	·30	·15	·04
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
20	·00	·32	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·17	·00	·00	·00	·00	·00	·00	·10	·03	·05	·02	·03
21	·00	·00	·00	·00	·00	·40	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·13	·13	·05	·00	·00	·04
22	·03	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·05	·00
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	1·30	·95	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	0 00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·07	·01
30	·07	·00	·01	·00	·00	·01	·07	·12	·00	·00	·00	·00	·00	·00	·00	·00	·22	·15	·18	·15	·20	·22	·15	·13	·07
31	·10	·03	·00	·00	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01
Means.	·03	·02	·00	·00	·00	·01	·01	·01	·00	·00	·00	·00	·00	·05	·04	·00	·01	·00	·03	·02	·03	·05	·05	·05	·02

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

DIRECTION AND FORCE OF THE WIND.

Gottingen Mean Time	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	P. M. h. m. 5.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
DIRECTION OF THE WIND. NOVEMBER 1854.	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1[2]	12	13	13	13	13	13	13	13	13	13	22	22	22	23	23	23	22	20	16	16	15	13	12	12	183	S
2[2]	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12	11	9	9	9	8	8	134	SE
3	8	8	8	6	8	13	12	6	6	6	6	6	3	3	2	3	0	7	6	5	5	0	6	5	71	ENE
4	2	2	2	2	2	2	2	0	0	31	31	31	30	31	0	0	29	30	0	1	1	0	0	0	2	N
5	0	0	0	0	31	31	31	31	29	25	25	25	24	24	24	28	29	29	0	1	1	1	12	12	344	Nbyw
*6	15	15	15	16	17	17	17	18	19	19	22	22	21	20	20	20	23	23	23	23	25	0	3	3	?	?
*7	0	0	15	20	20	22	15	15	24	25	25	23	23	23	23	25	25	26	27	29	31	7	5	5	?	?
8	6	6	7	7	7	7	7	7	7	6	6	0	6	6	6	2	2	4	7	7	8	8	9	9	72	ENE
9	6	8	8	8	8	8	8	8	8	8	8	8	8	6	8	5	6	6	0	6	6	6	5	5	80	EbyN
10	5	4	4	3	3	4	4	3	1	1	1	1	1	1	1	1	1	2	4	4	4	4	4	4	30	NEbyN
11	3	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	11	9	2	1	17	NNE
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	6	6	7	6	5	5	19	NNE
13	3	3	2	2	2	2	2	2	2	2	2	29	29	29	29	0	0	0	9	1	4	4	4	4	18	NNE
14	5	5	4	4	4	4	4	4	5	5	5	5	5	5	5	5	7	7	7	7	7	6	6	5	59	NEbyE
15	6	6	6	6	7	8	6	6	6	0	0	8	8	8	8	6	0	11	11	10	7	0	5	5	79	EbyN
16	5	5	4	4	4	5	5	5	5	5	5	4	0	0	0	0	3	4	4	6	6	5	5	5	44	NE
17	4	4	4	4	4	4	4	4	4	3	3	0	0	0	0	0	0	0	3	4	4	3	3	2	29	NEbyN
18	4	4	1	1	1	1	2	0	0	0	0	0	0	0	0	0	2	3	4	4	5	5	5	5	22	NNE
19	2	2	3	0	31	0	0	0	31	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	4	N
20	2	3	3	0	4	5	5	5	5	5	5	5	5	5	4	5	5	5	5	5	5	4	4	4	48	NE
21	4	4	4	5	5	5	5	5	5	4	4	3	3	4	5	5	5	5	5	5	5	4	4	4	50	NE
22	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	44	NE
23	1	3	3	3	3	7	6	4	3	4	5	5	5	6	6	8	8	8	8	7	7	6	4	3	58	NEbyE
24	0	7	9	9	9	4	8	7	7	7	8	9	10	10	8	8	9	7	6	8	7	9	5	7	84	EbyN
25	7	5	5	5	5	5	5	5	7	10	8	4	5	6	7	8	8	8	8	8	6	7	7	7	73	ENE
26	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	7	7	7	6	52	NEbyE
27[3]	13	14	15	15	16	15	13	13	18	16	18	16	10	8	8	8	6	8	13	10	13	17	13	[illegible]	142	SEbyS
28	1	1	1	1	1	1	1	1	4	1	0	0	0	0	0	0	1	3	5	8	8	7	8	8	29	NEbyN
29	7	7	6	6	0	6	6	6	6	6	0	6	0	6	6	6	6	6	7	7	7	7	7	7	71	ENE
30	7	7	7	7	6	0	6	6	6	6	5	5	4	0	0	0	4	7	5	5	5	5	5	5	56	NEbyE
Hourly Means. No. 1	° 44	° 47	° 45	° 42	° 41	° 47	° 47	° 41	° 41	° 38	° 37	° 32	° 33	° 33	° 28	° 30	° 37	° 47	° 57	° 57	° 62	° 50	° 57	° 54	° 44	° 56 NEbE
	NE	NE	NE	NE	NE	NE	NE	NE	NE	NEbN	NEbN	NEbN	NEbN	NEbN	NNE	NEbN	NEbN	NE	NEbE	NEbE	ENE	NEbE	NEbE	NEbE	NE	
Hourly Means. No. 2	139	150	154	154	158	154	148	146	158	158	191	191	169	165	165	163	161	150	150	131	139	146	124	16[illegible]	153	
	SE	SEbS	SSE	SSE	SSE	SSE	SEbS	SEbS	SSE	SSE	SbW	SbW	SbE	SbE	SbE	SbE	SSE	SEbS	SEbS	SE	SE	SEbS	SEbE	SSE	SSE	
Sum of Observations, with the Wind in each Quarter. N W	0	0	0	0	2	1	1	1	3	3	3	3	3	3	2	2	3	3	1	1	2	0	0	0	37	Obs. N W
S W	0	0	0	2	3	2	1	1	2	2	3	4	3	3	3	2	2	2	2	2	0	1	0	0	40	" S W
S E	0	6	8	6	5	6	7	5	3	4	4	4	5	5	5	5	5	5	7	6	6	5	0	6	130	" S E
N E	24	24	22	22	20	21	21	23	22	21	20	19	19	19	20	21	20	20	20	21	22	24	24	24	513	" N E
FORCE OF THE WIND NOVEMBER 1854.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·25	·20	·08	·12	·10	·28	·00	·05	
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·02	·00	·00	·05	·00	·00	·00	·00	·40	·55	·70	·30	·00	·08	
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·13	·10	·05	·01	
7	·02	·00	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·01	
9	·25	·18	·00	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·08	·10	·12	·15	·28	·28	·07	·07	
10	·08	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·18	·20	·35	·52	1·00	·65	·62	·45	·17	
11	·50	·45	·30	·00	·15	·00	·08	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	0·10	·00	·00	·00	·07	
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·05	·08	·03	·02	·00	·00	·01	
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·10	·00	·00	·00	·02	·00	·01	
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·00	·12	·08	·00	·07	·08	·02	
15	·45	·08	·10	·07	·02	·03	·00	·00	·00	·00	·00	·02	·00	·00	·00	·03	·28	·35	·18	·00	·02	·10	·08	·15	·08	
16	·10	·00	·08	·03	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·15	·18	·30	·25	·33	·28	·08	
17	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·50	·85	·38	·58	·42	·35	·13	
18	·38	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·30	·28	·75	·38	·95	·90	·35	·20	
19	·00	·10	·25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·25	·08	·03	
20	·05	·00	·00	·00	·10	·02	·03	·00	·05	·07	·06	·00	·00	·00	·00	·02	·35	·52	·35	·88	·98	·97	1·00	·70	·26	
21	·48	·20	·25	·28	·35	·20	·08	·00	·10	·00	·00	·00	·00	·00	·15	·03	·48	·52	1·00	1·20	1·70	1·35	1·10	·85	·43	
22	·85	·20	·00	·35	·37	·65	·60	·78	·25	·35	·75	·90	·95	·95	1·00	·97	1·10	1·15	1·35	0·90	0·75	0·45	0·60	·00	·68	
23	·00	·40	·45	·85	·88	·45	·10	·10	·00	·15	·40	·60	·62	·58	0·35	·10	0·00	0·00	0·10	·25	·32	·10	·35	·20	·31	
24	·00	·15	·20	·00	·00	·00	·00	·00	·00	·00	·01	·22	·00	·00	·00	·00	·00	·02	·02	·00	·00	·20	·01	·00	·03	
25	·00	·00	·00	·00	·00	·00	·00	·01	·00	·03	·00	·02	·00	·00	·00	·00	·00	·00	·02	·05	·10	·02	·00	·00	·01	
26	·00	·00	·00	·00	·00	·00	·00	·35	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·05	·10	·15	·03	
27	·12	·08	·00	·00	·10	·00	·00	·25	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·03	·00	·00	·00	·03	
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·12	·10	·10	·28	·32	·17	·00	·03	
30	·20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·15	·12	·08	·00	·00	·00	·03	
Means.	·12	·07	·06	·06	·07	·05	·04	·05	·02	·02	·04	·06	·05	·05	·05	·04	·10	·13	·17	·22	·25	·24	·23	·14	·10	

* The Observations of 6, and 7th are rejected from the hourly and daily Means.

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DIRECTION AND FORCE OF THE WIND.

Gottingen Mean Time	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	P. M. h. m. 4. 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41		
DIRECTION OF THE WIND. DECEMBER 1854.	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	5	4	4	4	4	4	4	3	3	2	3	3	2	2	0	1	2	3	4	4	4	4	4	4	37	NEbyN
2	6	6	6	6	5	6	7	7	8	8	6	6	5	2	1	1	3	15	10	2	7	7	7	7	69	ENE
3	7	7	7	7	6	6	6	6	8	5	2	3	0	0	0	0	1	1	7	7	7	7	9	9	55	NEbyE
4	4	4	5	12	6	3	3	2	2	1	1	0	0	0	0	0	10	7	5	5	5	5	4	4	43	NE
5	4	4	5	5	5	5	5	5	5	6	6	6	5	5	0	0	4	4	5	5	6	5	6	6	52	NEbyE
6	5	5	5	5	5	5	5	5	5	5	5	5	4	0	0	0	3	5	5	5	5	5	5	5	48	NE
7	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	1	2	2	4	7	7	7	7	41	NE
8	7	6	6	6	6	6	6	6	6	6	6	6	6	6	0	0	1	6	6	7	7	7	7	7	68	ENE
9	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	6	69	ENE
10	30	30	30	30	20	30	30	30	30	1	4	4	0	0	30	30	27	28	29	30	30	29	29	28	342	NNW
11	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	6	6	6	6	70	ENE
*12	6	6	6	7	6	7	8	6	7	7	7	7	1	1	1	1	4	5	5	— Board Stopped. —					?	?
13	6	6	5	5	5	5	5	5	5	5	5	2	1	2	2	1	3	5	5	5	5	5	5	5	48	NE
14	4	4	4	4	4	2	0	0	0	1	1	1	0	0	1	1	1	0	5	5	5	5	5	5	27	NNE
15	2	2	3	2	1	1	1	0	0	0	1	1	1	1	1	1	1	1	5	5	7	7	7	7	28	NNE
16	6	6	6	6	6	6	6	6	6	6	6	6	6	6	2	2	2	6	8	6	6	7	7	7	66	ENE
*17	8	7	7	7	8	8	6	6	8	8	8	8	7	7	7	7	7	8	7	6	6	Board Stopped.			?	?
18	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	21	0	0	0	5	5	5	6	7	22	NNE
19	6	6	6	6	6	6	6	6	6	6	6	6	6	6	0	0	0	2	4	5	5	5	6	5	54	NEbyE
20	5	5	4	4	4	4	5	5	5	5	5	2	1	1	0	0	0	5	5	5	4	5	5	5	42	NE
21	5	5	5	5	5	5	4	4	4	4	1	1	1	1	0	0	0	1	1	1	1	1	1	4	28	NNE
22	4	4	5	5	4	7	6	7	7	7	7	7	7	5	3	2	2	4	4	4	4	4	4	4	56	NEbyN
23	4	4	5	4	4	4	4	4	4	5	6	6	4	4	3	3	4	5	5	4	4	4	8	6	52	NEbyE
24	5	4	4	4	4	4	5	5	5	8	7	7	7	5	4	5	7	7	9	6	8	8	5	3	65	ENE
25	2	2	2	3	5	6	0	8	5	5	5	5	5	4	4	8	7	6	6	6	5	5	5	5	55	NEbyE
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	55	NEbyE
27	5	6	5	6	6	6	6	6	6	4	4	4	4	2	2	2	2	2	7	7	7	7	7	7	57	NEbyE
28	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	3	3	3	2	4	7	7	6	5	49	NE
29	5	5	5	6	6	6	6	6	6	6	6	4	4	4	5	6	5	6	6	6	6	6	6	6	63	ENE
30	4	4	4	4	4	5	5	5	5	4	4	4	4	2	2	2	5	5	5	5	5	5	5	5	49	NE
31	6	8	6	6	7	7	6	6	6	6	5	5	5	4	4	1	1	5	5	5	5	6	7	7	60	NEbyE
Hourly Means.	° 49 NE	° 49 NE	° 49 NE	° 52 NEbE	° 50 NE	° 49 NE	° 45 NE	° 48 NE	° 46 NE	° 49 NE	° 47 NE	° 43 NE	° 27 NEbE	° 21 NEbN	° 20 NNE	° 20 NNE	° 30 NEbN	° 45 NE	° 52 NEbE	° 53 NEbE	° 56 NEbE	° 56 NEbE	° 56 NEbE	° 56 NEbE	° 45	NE
No. of Observations, with the Wind in each Quarter N W	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	20	Obs. N W
S W	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	„ S W
S E	1	0	0	1	2	1	2	2	2	2	2	2	0	0	0	1	1	2	2	2	2	1	2	1	36	„ S E
N E	29	30	30	29	28	29	28	27	28	28	28	29	31	21	30	28	29	28	27	26	27	27	26	27	680	„ N E

* The Observations of 12, and 17th are rejected from the hourly and daily Means.

FORCE OF THE WIND. DECEMBER 1854.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·10	0·15	0·12	0·00	0·02
2	·30	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·05	·00	·10	·03
3	·05	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·14	·08	·00	·00	·02
4	·00	·00	·30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·40	·35	·38	·42	·90	·85	·15
5	·65	·33	·40	·38	·35	·10	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·00	·00	·00	·00	·10
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·30	·25	·20	·32	·18	·08	·08	·06
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·02	·00	·00	·00	·00	·00
9	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·15	·27	·35	·33	·38	·35	·20	·05	·09
10	·08	·12	·10	·08	·00	·05	·10	·00	·10	·35	·08	·27	·18	·05	·00	·00	·01	·00	·30	·24	·25	·70	·73	·25	·17
11	·00	·00	·00	·00	·00	·02	·00	·08	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·15	·15	·17	·10	·12	·00	·04
*12	·03	·00	·00	·00	·00	·00	·01	·01	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·00	— Board Stopped. —					?
13	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·73	·60	·50	·35	·00	·00	·00	·09
14	07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·00	·00	·00	·06	·00	·00	·05	·00	·30	·02
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·05	·02	·03	·01	·00	·01
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·00	·00	·00	·02	·00
*17	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·00	·00	·00	·00	·00	·00	·10	·04	·02	·05	·01	Board Stopped.			?
18	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
21	·00	·00	·00	·00	·00	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·02	·00	·03	·01
22	·00	·35	·30	·27	·00	·25	·01	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·13	·28	·35	·60	·72	·85	·95	·22
23	·85	·87	1·45	·10	·00	·00	·00	·10	·08	·85	·45	·42	·00	·00	·00	·00	·00	·38	·18	·20	·50	·83	1·65	·20	·38
24	·02	·02	0·00	·00	·00	·00	·00	·03	·00	·05	·02	·03	·18	·00	·00	·00	·10	·43	·35	·00	·30	·35	0·20	·15	·09
25	·15	·08	·05	·00	·13	·00	·00	·00	·03	·00	·05	·15	·10	·18	·00	·03	·00	·10	·00	·70	·55	1·10	·20	·10	·15
26	·12	·12	·03	·05	·02	·07	·15	·08	·00	·03	·05	·00	·00	·00	·00	·02	·25	·27	·55	·70	·38	0·35	·20	·15	·15
27	·35	·20	·10	·01	·02	·05	·07	·03	·00	·00	·00	·00	·00	·00	·00	·00	·03	·02	·80	·75	·92	·90	1·10	·85	·26
28	·58	·30	·00	·05	·07	·00	·00	·10	·13	·15	·02	·00	·00	·00	·00	·15	·05	·03	·00	·05	·40	·50	0·52	·45	·15
29	·70	·45	·40	·40	·25	·22	·15	·10	·03	·02	·02	·00	·00	·00	·00	·20	·22	·35	·62	·80	·85	·50	·42	·30	·29
30	·10	·11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·25	·27	·48	·45	·30	·22	·20	·25	·11
31	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·02	·00	·01
Means.	·15	·11	·11	·05	·03	·03	·02	·02	·01	·05	·02	·03	·02	·01	·00	·02	·04	·12	·19	·21	·24	·26	·26	·18	·09

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of 12, and 17th are rejected from the hourly and daily Means.

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DEPTH OF RAIN AND EVAPORATION IN INCHES.

FALL OF RAIN FOR 1854.

	January.		February.		March		April.		May.		June.	
	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day
	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.
1	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	—	—	—
8	—	0·370	—	—	—	—	—	—	—	—	—	—
9	0·035	—	—	—	—	—	—	—	—	—	0·150	—
10	·020	—	—	—	—	—	—	—	—	—	·146	—
11	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	—	·135	—
13	—	—	—	0·295	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	—	·068	—
17	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	·443	—
26	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	—	·205	—
28	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	0·082	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—
Sums.	0·055	0·370	—	0·295	0·089	—	—	—	—	—	1·147	—

	July.		August.		September.		October.		November.		December.	
	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day.
	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.
1	—	—	—	—	—	—	—	—	0·160	—	—	—
2	—	—	0·060	0·018	—	—	—	—	—	—	0·070	0·006
3	0·552	0·010	·480	—	—	—	—	0·160	—	0·435	—	·080
4	—	—	·003	—	1·420	—	0·005	—	0·700	·080	·180	·012
5	—	—	—	—	—	1·872	—	—	—	—	—	·050
6	·510	—	—	—	0·803	—	—	—	—	—	—	—
7	·506	—	—	—	·080	—	—	—	0·030	—	—	—
8	·115	—	·010	—	·732	·060	—	—	—	—	—	—
9	—	—	1·285	—	—	—	—	0·010	—	—	·032	—
10	·250	·311	0·930	·015	·035	—	—	—	—	—	1·346	—
11	—	—	2·954	·325	—	—	—	—	·520	[illegible]	0·048	—
12	—	—	0·060	—	—	—	—	—	·120	—	—	—
13	·025	—	—	—	—	—	—	—	—	·390	—	—
14	·134	·012	—	—	—	—	0·090	·032	·025	·040	—	—
15	·015	·020	—	—	·315	—	·020	—	·060	·185	—	—
16	—	·018	—	—	·420	—	·525	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	·250	—	·015	—	—
19	—	—	—	—	—	—	—	·095	·210	·065	—	—
20	—	·045	—	—	—	—	2·514	1·954	·170	—	—	—
21	—	—	—	—	·001	—	1·190	—	—	—	—	·178
22	—	·007	—	—	—	—	—	—	—	·800	·162	—
23	—	—	·005	·012	—	—	—	—	·633	1·100	·710	·150
24	·045	—	—	—	—	—	—	—	·278	—	·015	·110
25	—	—	—	—	—	—	0·535	—	·475	—	·455	·020
26	—	—	—	—	—	—	·380	0·110	—	0·080	—	—
27	—	—	—	—	—	—	1·750	·315	1·200	·110	—	—
28	—	—	—	—	—	—	0·240	—	0·560	—	·035	·385
29	—	—	·875	—	·500	—	·108	·028	—	—	—	—
30	·127	—	—	—	·390	—	—	—	—	—	—	—
31	1·534	—	—	—	—	—	·070	—	—	—	—	—
Sums.	3·812	0·483	6·654	0·400	5·044	1·322	7·327	2·894	5·463	3·823	3·055	0·966

EVAPORATION FOR 1854.

	January.		February.		March		April.		May.		June.	
	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day
	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.
1	0·015	0·221	0·010	0·225	0·008	0·334	0·025	0·345	0·025	0·369	0·097	0·531
2	·025	·217	·014	·245	·026	·273	·020	·330	·035	·407	·093	·525
3	·030	·235	·010	·252	·016	·309	·026	·351	·035	·379	·102	·503
4	·015	·224	·011	·255	·018	·495	·024	·360	·134	·354	·096	·483
5	·021	·237	·008	·247	·031	·300	·010	·350	·036	·369	·092	·561
6	·025	·215	·026	·255	·021	·310	·014	·325	·030	·365	·076	·389
7	·035	·231	·025	·256	·020	·315	·012	·340	·040	·370	·062	·485
8	·027	·090	·020	·269	·019	·320	·020	·362	·042	·390	·058	·360
9	·010	·185	·015	·270	·021	·290	·022	·405	·035	·395	·018	·310
10	·015	·206	·023	·270	·021	·289	·024	·375	·025	·394	·031	·365
11	·015	·204	·012	·200	·025	·300	·023	·377	·028	·380	·090	·450
12	·025	·222	·028	·272	·020	·275	·029	·369	·038	·367	·035	·240
13	·019	·235	·030	·190	·029	·301	·018	·385	·037	·395	·097	·560
14	·010	·222	·030	·315	·015	·312	·033	·412	·024	·365	·090	·570
15	·015	·229	·027	·310	·021	·305	·034	·385	·028	·367	·110	·560
16	·010	·220	·040	·361	·024	·330	·042	·380	·330	·400	·143	·496
17	·015	·216	·021	·320	·019	·325	·035	·365	·030	·400	·074	·448
18	·017	·246	·036	·314	·012	·320	·026	·353	·030	·410	·065	·407
19	·013	·229	·037	·270	·028	·335	·011	·360	·036	·394	·069	·475
20	·020	·225	·039	·270	·025	·345	·035	·294	·037	·403	·055	·203
21	·013	·229	·035	·255	·020	·310	·010	·362	·028	·358	·049	·515
22	·022	·235	·020	·210	·017	·296	·022	·437	·042	·400	·077	·435
23	·024	·209	·036	·265	·019	·273	·030	·453	·087	·425	·056	·310
24	·016	·245	·032	·253	·015	·285	·030	·402	·043	·443	·067	·310
25	·015	·225	·027	·255	·017	·255	·027	·377	·070	·212	·023	·245
26	·014	·237	·035	·310	·014	·301	·030	·380	·088	·207	·142	·372
27	·013	·240	·032	·265	·010	·295	·033	·364	·090	·565	·022	·330
28	·015	·232	·015	·253	·012	·295	·131	·382	·116	·599	·062	·452
29	·012	·263			·022	·333	·122	·383	·098	·599	·049	·260
30	·015	·241			·051	·333	·335	·395	·097	·665	·047	·610
31	·013	·235			·030	·315			·070	·629		
Means.	·018	·222	·026	·268	·020	·303	·026	·376	·046	·429	·065	·438

	July.		August.		September.		October.		November.		December.	
	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day.
	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.
1	0·065	0·227	0·055	0·225	0·032	0·275	0·015	0·240	0·017	0·211	0·015	0·165
2	·063	·240	·056	·360	·017	·170	·020	·245	·002	·220	covd.	·100
3	·040	·240	·032	·330	·030	·275	·013	·100	·010	·055	·015	·190
4	·059	·350	·020	·360	·000	·125	·015	·243	covd.	·062	covd.	·075
5	·085	·415	·035	·315	·030	·255	·012	·620	·015	·543	·021	·130
6	·043	·350	·040	·348	covd.	·070	·015	·270	·016	·227	·010	·205
7	·020	·273	·045	·351	covd.	·210	·035	·240	·026	·200	·020	·200
8	·036	·220	·032	·343	covd.	·080	·013	·295	·015	·247	·010	·230
9	·045	·095	·035	·240	covd.	·175	·016	·200	·027	·270	·015	·175
10	·035	·170	covd.	·278	·023	·270	·020	·315	·017	·133	·005	·115
11	·045	·328	covd.	·273	·023	·325	·015	·298	covd.	·061	·017	·228
12	·130	·280	covd.	·262	·034	·365	·022	·310	·010	·177	·020	·217
13	·074	·230	·037	·296	·040	·375	·017	·265	·016	·078	·014	·118
14	·034	·075	·030	·320	·030	·352	·012	·233	·005	·147	·019	·183
15	·030	·038	·335	·357	·030	·066	·010	·187	covd.	·137	·020	·181
16	·053	·328	·029	·306	covd.	·274	·010	·100	·025	·201	·013	·217
17	·059	·340	·035	·320	·036	·260	·010	·137	·017	·227	·018	·216
18	·060	·333	·040	·296	·022	·305	·015	covd.	·020	·060	·006	·200
19	·072	·380	·040	·203	·025	·305	·010	·085	covd.	·045	·006	·200
20	·071	·350	·028	·343	·013	·310	covd.	·022	covd.	·200	·010	·133
21	·050	·500	·030	·202	·016	·295	covd.	·100	·020	·214	·015	covd.
22	·025	·155	·030	·240	·030	·234	·017	·127	covd.	·070	covd.	·113
23	·115	·263	·030	·200	·047	·333	·012	·218	covd.	·050	covd.	covd.
24	·033	·344	·030	·280	·063	·350	·008	·180	covd.	·135	·010	·068
25	·090	·341	·037	·310	·064	·335	covd.	·204	covd.	·200	covd.	·058
26	·116	·410	·037	·825	·035	·310	covd.	·140	·012	·135	·014	·158
27	·085	·415	·032	·845	·025	·240	covd.	·062	covd.	·020	·021	·172
28	·065	·437	·035	·260	·023	·305	covd.	·070	·012	·139	·010	covd.
29	·045	·450	·030	·100	·015	·380	·007	·097	·020	·202	·015	·150
30	·035	·395	·035	·300	covd.	·195	·015	·233	·015	·175	·021	·185
31	·020	·320	·035	·270			·020	·218			·010	·160
Means.	·055	·294	·035	·295	·029	·259	·015	·190	·016	·151	·014	·166

TOTAL RAIN IN EACH MONTH.

1854.	Night.	Day.	Total.
	Inches.	Inches.	Inches.
January, ...	0·055	0·370	0·425
February,...	—	0·295	0·295
March,...	0·089	—	0·089
April	—	—	—
May, ...	—	—	—
June, ...	1·147	—	1·147
July, ...	3·812	0·483	4·295
August, ...	6·654	0·400	7·054
September, ...	5·044	1·322	6·366
October, ...	7·327	2·894	10·221
November, ...	5·463	3·823	9·286
December, ...	3·055	0·966	4·021
Total......	32·646	10·553	43·199

MEAN DAILY EVAPORATION IN EACH MONTH.

1854.	Night.	Day.	Total.
	Inches.	Inches.	Inches.
January, ...	0·018	0·222	0·240
February, ...	·026	·268	·294
March,...	·020	·303	·323
April, ...	·026	·376	·402
May, ...	·046	·429	·475
June, ...	·065	·438	·503
July, ...	·055	·294	·349
August, ...	·035	·295	·330
September, ...	·029	·259	·288
October, ...	·015	·190	·205
November, ...	·016	·151	·167
December,...	·014	·166	·180
Means......	·030	·283	0·313

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REMARKS ON THE WEATHER FOR THE MONTH OF JANUARY 1854.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
Dec. 31	clear,	0	clear,	0	ny-clear,	0	clear, D,	0	clear, D,	0	...	...
Jany. 1	...	...	...	...	...	...	...	...	...	...	ny-clear,	0
2	cu, hz,	2	sc-cu,	1	sc-cu,	1	cu, hz,	2	ny-clear,	0	clear,	0
3	cu, cr,	2	fl-cu,	2	fl-cu,	1	do.	1	cu-hor, D,	1	do. D,	0
4	sc-cu,	1	sc-cu,	3	sc-cu, D,	1	ny-clear, D,	0	clear, D,	0	do. D.	0
5	cu, cr-st, cr-hz,	4	cu, cr-st,	1	cu, D,	1	sc-cu, hz,	1	cu, cr, cr-hz, D,	2	cu, cr, cr-hz, D,	2
6	sc-cu, cr,	2	fl-cu, cu-st,	2	fl-cu, cu-st,	1	cu, cr-hz,	1	ny-clear, D,	0	clear, D,	0
7	cu, cr-hz-hor,	1	ny-clear,	0	ny-clear,	0	ny-clear,	0	nlear,	0	...	...
8	...	...	...	...	...	...	...	...	...	...	do.	0
9	ovt, lt-R,	8	ovt,	8	hy-cu,	7	ovt, lt-R,	8	cu, cr, cr-hz,	3	nu, cr, cr-hz,	4
10	cu, cr-cu, cr-hz	6	fl-cu, cr-cu, cu-st, R,	5	fl-cu, cu-st, hz, nim,	5	fl-cu, nim,	4	cu, cr, cr-hz, D,	6	cu, hz, D,	3
1	fl-cu, cu-st, hz,	3	fl-cu, cu-st,	2	cu, cr-st,	2	fl-cu,	3	cu, hz,	1	ny-clear, D,	0
2	fl-cu, cu-st, cr-hz,	5	cu, cr-st, hz, bl.	3	cu, cr-st, cr-hz,	4	cu, cr-st, cr-hz,	6	cu, cu-st, cr-hz,	4	cr-st, cr-hz, D,	1
3	cu, cr-cu, cr-st, cr-hz,	3	cu, cu-st, cr-st, cr-hz,	3	cu, cu-st, cr-hz,	4	cu, cu-st, cr-hz,	4	fl-cu, cu-st, cr-hz,	5	fl-cu, cu-st, cr-hz,	4
4	cu, cr-hz, cr-st,	2	cu, hz,	3	fl-cu, cr-st, cr,	3	cu, cu-st, cr,	3	cu, cu-st, cr,	3	...	...
5	...	...	...	...	...	...	...	...	...	...	cu, cr-hz, nim,	8
6	ny-clear,	0	clear,	0	nlear,	0	ny-clear,	0	sc-cu,	1	fl-cu,	6
7	sc-cu, cu-st,	3	do.	0	fl-cu,	1	cu, cr-hz,	2	fl-cu, hz,	2	fl-cu, hz,	3
8	sc-cu-hor,	1	cu, cu-st,	3	cu, cr-hz,	2	sc-cu, hz,	1	cu, hz,	1	cu, hz,	2
9	sc-cu, cu-st, hz,	3	sc-cu, cu-st, hz,	3	sc-cu, cr-hz,	3	cu, cu-st, hz,	4	sc-cu,	2	clear,	0
20	do.	3	do.	3	cu, cr-hz,	1	cu, cr, cr-hz, nim,	4	ovt,	8	nvt,	8
1	sc-cu, cu-st, cr-hz,	4	sc-cu, cu-st, cr-hz,	4	clear,	0	fl-cu,	5	cu, cr, cr-hz,	4	...	...
2	...	...	...	...	...	...	...	...	...	...	cu-hor,	1
3	sc-cu, cu-st.	4	cu, cu-st, hz,	2	cu, cr-hz,	2	cu, cr, cr-hz,	3	cu-hor,	3	cu, hz,	3
4	fl-cu, cu-st, cr-hz,	3	sc-cu, lt-hz,	1	ny-clear,	0	clear,	0	clear,	0	ny-clear,	0
5	clear,	0	clear,	0	clear,	0	do.	0	do.	0	cu, hz-hor, D,	1
6	sc-cu,	1	ny-clear,	0	cu, cu-st, cr-hz,	2	ny-clear,	0	do.	0	cu, cr-hz, D,	6
7	cr-st, cr-hz,	2	cr, lt-cr-hz,	0	clear,	0	clear,	0	do.	0	sc-cu, hz, D,	2
8	sc-cu, cr-hz,	1	cr-st, cr-hz,	1	ny-clear,	0	ny-clear,	0	sc-cu,	1	...	...
9	...	...	...	...	...	...	...	...	...	...	cu-hor,	1
30	clear,	0	clear,	0	clear,	0	clear,	0	clear,	0	cu, hz, D,	2
1	do.	0	do.	0	do.	0	do. D,	0	do. D,	0	clear, D,	0

REMARKS ON THE WEATHER FOR THE MONTH OF FEBRUARY 1854.

Date.	NOON	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	clear,	0	clear,	0	clear,	0	clear,	0	clear, D,	0	clear, D,	0
2	do.	0	do.	0	do.	0	do.	0	do. D,	0	do. D,	0
3	do.	0	do.	0	do.	0	do	0	cr-cu, cr-hz,	1	do.	0
4	cr, cr-hz, cr-st,	2	cr, cr-hz, cr-st,	2	fl-cu, cr, cr-hz,	3	cu, cr-hz,	2	nlear,	0	...	...
5	...	...	...	...	...	...	...	...	...	...	do. D,	0
6	clear,	0	clear,	0	clear,	0	clear,	0	do.	0	cu, cr, nr-hz,	2
7	do.	0	do.	0	do.	0	do.	0	do.	0	do.	2
8	ny-clear,	0	ny-clear,	0	do.	0	do.	0	do.	0	sc-cu,	3
9	clear,	0	cu, cu-st,	1	cu, cu-st,	2	sc-cu, hz,	1	sc-cu, cu-st,	3	sc-cu, cr-st, cr-hz,	3
10	do.	0	fl-cu,	1	fl-cu,	1	sc-cu,	1	sc-cu,	1	sc-cu,	1
1	sc-cu,	2	fl-cu, cu-st,	2	do.	1	fl-cu,	1	clear,	0	...	...
2	...	...	...	...	...	...	...	...	...	...	fl-cu, hz,	3
3	cu, cr-hz,	2	cu-st, cr-cu, cr-st, hz,	2	cr-cu, cu-st, cr-hz,	6	cu, cr-cu, hz,	2	sc-cu, cr-hz,	2	fl-cu, cu-st,	3
4	cu, hz, nim. R,	4	cu, cr-cu, cr-st, cr-hz,	2	cu-st, cr-cu,	1	cu, cu-st, cr-st, hz,	4	cu, cu-st, cr-hz,	7	do.	5
5	clear,	0	clear,	0	fl-cu, cu-st, hz,	2	cu, cu-st, hz,	2	cu, cr-st,	1	ny-clear,	0
6	fl-cu, hz,	2	sc-cu,	1	fl-cu,	2	fl-cu, cu-st,	2	cu-hor,	1	fl-cu,	3
7	ny-clear.	0	cr, cr-st,	1	ny-clear,	0	cu, cu-st, cr-hz,	4	clear,	0	sc-cu, hz,	1
8	fl-cu, hz,	2	fl-cu, hz,	3	fl-cu, hz,	2	cu, cu-st, hz-hor,	3	cu, cu-st, cr,	2	...	...
9	...	...	...	...	...	...	...	...	...	...	sc-cu, hz,	2
20	sc-cu, hz,	1	cr-st, cr-hz,	1	clear,	0	cu, cr-st. hz,	1	clear,	0	sc-cu,	1
1	ny-clear,	0	clear,	0	do.	0	clear,	0	do.	0	cr, cr-hz, cu,	2
2	d-cr-hz, cr, cr-st,	6	d-cr-hz, cr, cr st,	4	cr-hz,	2	ny-clear,	0	ny-clear,	0	ny-clear,	0
3	cu, cr-st, cr-hz,	3	do.	6	d-cr-hz, cr, cr-st,	4	cu, cr-st, d-cr-hz,	2	do.	0	do.	0
4	cu, cr-hz,	1	cr-hz, cr-st,	2	clear,	0	clear,	0	do.	0	clear,	0
5	fl-cu, hr,	2	lt-cu, cr-st, hz,	1	do.	0	do.	0	clear,	0	...	...
6	...	...	...	...	...	...	...	...	...	...	ny-clear, D,	0
7	cr-hz, cr-st,	2	cr-hz, cr-st,	2	cr-st, hz,	1	cr-st, cr-hz,	1	ny-clear, D,	0	do. D,	0
8	cr-st, d-hz,	4	lt-cu, cr-st, hz,	3	lt-cu, cr-st, hz,	4	lt-cu, cr-st, hz,	4	cr-cu, cr-st, cr-hz,	3	cr, cr-hz, cr, st	2

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard ... around
- cld ... clouds or cloudy
- cr or cir ... cirri or cirro or cirrous
- cu ... cumuli or cumulo
- D ... Dew
- d ... dense
- dis ... distant
- dt ... detached
- E ... East
- fg ... fog
- fk ... forked
- fl ... flying
- fr ... frequent
- g ... ground
- hy ... heavy
- hl ... halo
- hor ... horizon
- hz ... haze or hazy
- ld ... loud
- lg ... lightning
- lt ... light
- mt ... meteor
- N ... North
- nim ... nimbus
- ny ... nearly
- ovd ... overhead
- ovt ... overcast
- pe ... peals
- pt ... part or partly or partial
- R ... Rain
- r-b ... rain-bow
- S ... South
- sc ... scattered
- sh ... sheet
- st ... stratus
- th ... thunder
- thi ... thick
- v ... very
- vit ... vivid
- W ... West

REMARKS ON THE WEATHER FOR THE MONTH OF JANUARY 1854.

Date.	12	Cloudy sky in 10ths.	14	Cloudy sky in 10ths.	16	Cloudy sky in 10ths.	18	Cloudy sky in 10ths.	20	Cloudy sky in 10ths.	22	Cloudy sky in 10ths.	Thermometers. Radiation. Sol	Ter.	Air. Max.	Min
Dec 31	...	...	...	...	...	...	...	...	...	...	...	...	136·5	57·1	81·6	66·0
1	cu, cr, cr-hz,	3	cu, cr, ...	2	cu, cr-hz,	2	cu, cr, cr-st,	5	cu, cr-st, cr-hz,	4	cu, cr-hz, cr-st,	3	137·5	62·4	81·2	67·6
2	clear,	0	cu, cu-st, cr-hz,	3	ny-clear,	0	fl-cu, cu-st,	3	sc-cu, cu-st,	3	sc-cu, cu st,	3	130·9	59·7	80·3	66·3
3	do. D,	0	sc cu,	1	sc-cu,	2	sc-cu, cu st,	3	sc cu, cr,	2	sc-cu,	2	133·7	54·9	79·9	64·5
4	do. D,	0	cu, hz,	2	cu, cr-hz, cr-st,	2	cu, cr-hz, cr-st,	4	cu, cu-st, cr-st, cr-hz,	4	cu, cu-st, cr-hz,	5	125·3	53·9	80·9	66·0
5	cu, hz, D,	1	do.	1	clear,	0	cu, hz,	2	cu, cr-hz,	2	cu, cr-hz,	2	135·3	55·9	81·5	64·9
6	clear, D,	0	cr-cu, cr-hz,	7	d-cr-hz, cr-cu,	7	d-cu, cr-cu,	7	cu, cr-cu, cr-hz,	3	cu, cr-cu, cr-hz,	3	137·3	59·7	81·8	67·8
7	...	...	...	...	...	...	...	...	...	...	...	...	136·7	63·1	83·9	70·0
8	cu, cr hz,	1	cu, nim, hz,	2	cu, cr, cr-hz,	3	fl-cu, cr-hz,	6	fl-cu, cu-st, hz, nim,	6	fl-cu, cu-st, hz, lt R,	8	132·3	66·9	84·0	74·1
9	cu hor,	1	cu, cu-st, cr-hz, nim,	6	cu, cr-hz,	4	cu, cu-st, nim, cr-hz,	4	fl cu, cu-st, cr-hz,	6	fl-cu, cu-st, cr-hz,	7	120·3	68·9	83·8	76·3
10	cu, cr, D,	4	cu, cu-st, D,	3	cu, cu-st, cr,	3	sc-cu, cr-st,	4	cu, cu-st, cr-hz,	3	do.	4	125·8	66·7	81·9	72·9
1	cu, cr-hz, D,	1	cr-cu, cr-hz,	2	cu, cr-cu, cr,	3	cu, cr-hz,	4	fl-cu, cu-st, cr-hz,	4	do.	4	134·0	61·7	81·3	69·3
2	clear, D,	0	do.	5	cr-cu, cr-hz,	3	cu, cr-cu, hz,	2	cu, cr-st, hz,	2	cu, cr-st, hz,	2	137·9	60·9	80·4	67·9
3	cu, cu-st, cr, hz, D,	4	cu, cu-st,	3	cu, cr,	1	cu, cr, cr-st,	4	cu, cr-st, hz,	2	cu, cr-hz, cr-st,	3	130·5	62·1	81·0	69·2
4	...	...	...	...	...	...	...	...	...	...	...	...	125·5	60·9	81·8	69·2
5	cu, hz, D,	2	cu, hz,	1	clear,	0	sc-cu,	1	sc-cu,	1	sc-cu,	2	137·8	61·7	81·8	68·5
6	do.	2	do.	2	cu, hz,	2	cu, hz,	3	sc-cu, cu-st,	2	do. hor,	1	133·3	64·9	82·0	69·4
7	fl-cu, hz,	2	fl-cu, hz,	2	cu, cr-hz,	3	fl-cu, cr-hz,	4	fl-cu, cr-hz,	3	fl-cu, cr-hz,	2	131·3	64·9	82·7	70·0
8	cu, cr hz, D,	2	cu, cr-hz,	3	do.	1	fl-cu, hz,	3	cu,	1	ny-clear,	0	139·5	62·7	83·3	69·7
9	ny-clear, D,	0	cu, hz,	1	cu, cr,	2	cu, cu-st,	3	fl-cu, cu-st, hz,	2	fl-cu, cu-st, cr hz,	2	127·7	59·3	80·7	67·4
20	ovt,	8	cu, cr, cr-hz,	6	cu, cr, cr hz,	7	do.	3	sc-cu, cu-st,	3	sc-cu, cu-st,	3	131·1	64·9	81·0	70·7
1	...	...	...	...	...	...	...	...	...	...	...	...	137·2	63·9	83·1	71·7
2	cu, hz,	2	cu, hz,	2	cu, cu-st, hz,	2	do.	3	do.	3	do.	2	128·1	62·9	82·6	70·4
3	do.	2	cu, cr hz, nim,	4	cu, cr hz, nim,	4	cu, cu-st, cr-hz,	4	cu, cu-st, cr-hz,	4	fl-cu, cu-st, cr-hz,	3	124·3	62·9	81·0	70·7
4	fl-cu, hz,	2	cr-cu, cr-hz,	3	cr-cu, cr-hz,	2	sc-cu,	3	sc-cu, cr-st,	2	ny-clear,	0	132·3	59·4	80·9	67·2
5	cu, hz-hor, D,	2	ny-clear,	0	ny-clear,	1	fl-cu, cu-st,	1	sc-cu, cu-st,	2	sc-cu, cu-st,	2	132·5	57·4	81·1	67·0
6	cu-hor, D,	2	cr-st, hz, cu,	2	cr-cu, cr,	1	cr, cr-hz,	2	cr-cu, cr-st, cr-hz,	3	cu, cr-st, cr-hz,	3	132·0	60·9	80·5	67·1
7	sc-cu, hz, D,	2	ny-clear,	0	sc-cu, hz,	1	sc-cu, cr-hz,	2	sc-cu, cr-hz,	2	sc-cu, cr-hz,	2	131·0	59·9	80·9	65·7
8	...	...	...	...	...	...	...	...	...	...	...	...	133·8	60·1	81·3	65·6
9	cu-hor,	1	cu, hz,	1	cr cu,	1	sc-cu, cu st,	1	sc-cu,	1	clear,	0	130·4	59·9	81·0	67·4
30	cu, hz, D,	3	cu-hor,	1	clear,	[illegible]	clear,	0	clear,	0	do.	0	130·5	60·7	80·8	66·5
1	cr cu, cr-hz,	3	ny-clear,	0	fl-cu, cr hz,	[illegible]	sc cu,	1	do.	0	do.	0	137·5	56·9	82·3	66·2

REMARKS ON THE WEATHER FOR THE MONTH OF FEBRUARY 1854.

Date.	12	Cloudy sky in 10ths.	14	Cloudy sky in 10ths.	16	Cloudy sky in 10ths.	18	Cloudy sky in 10ths.	20	Cloudy sky in 10ths.	22	Cloudy sky in 10ths.	Sol	Ter.	Max.	Min
1	clear, D,	0	clear, D,	0	clear	0	clear,	0	clear,	0	clear,	0	136·3	57·7	86·4	66·5
2	ny, clear, D,	0	ny-clear, D,	0	do.	0	do.	0	do.	0	do.	0	142·0	63·9	86·6	71·7
3	clear, fg,	0	clear,	0	do.	0	do.	0	cu, hz,	1	cu, cr-st, hz,	1	143·5	65·0	84·7	72·4
4	...	...	...	...	...	...	...	...	...	...	...	...	134·7	63·9	85·1	71·8
5	do. D,	0	cu, cr-cu, cr-hz,	3	ny-clear,	0	fl-cu, hz,	3	cu, hz-hor,	1	ny-clear,	0	133·5	61·9	84·8	70·1
6	cu, cr, cr-hz,	1	cu, cr-cu, hz,	2	fl-cu, hz,	3	cu, cu-st, hz,	4	cu, hz,	2	cu-hor,	1	131·9	63·8	84·8	71·4
7	do.	2	sc-cu, hz,	4	cu-hor,	2	sc-cu, cu-st	4	cu, cu-st,	3	cu, cr,	2	129·9	64·6	84·6	71·4
8	cu, cr-hz.	2	sc-cu,	2	ny-clear,	2	cu, cu-st,	4	cu, hz,	1	cu, hz,	1	135·5	63·6	84·3	70·7
9	sc-cu, cu-st, cr-hz	4	cu, cr-hz,	2	cu-hor,	1	sc cu,	1	cu hor,	1	ny-clear,	0	130·5	63·9	85·0	71·4
10	ny-clear,	0	cu-hor	1	cu, cr,	2	cu, cu-st, cr,	3	sc cu	2	sc cu	2	130·5	62·1	86·1	68·9
1	...	...	...	...	...	...	...	...	...	...	...	...	139·3	61·9	84·2	70·9
2	do.	0	cu, hz,	1	cu, cr-hz,	2	fl cu, cu-st,	4	fl-cu, hz,	3	cu, cr-cu, cr-hz, nim,	5	138·5	63·8	87·4	71·4
3	fl-cu, cu-st, nim,	4	cu-hor,	2	fl-cu, cu-st,	5	cu, cu-st, cr,	5	cu, cu-st, nim,	4	cu, cu-st, nim,	4	128·5	71·1	90·2	76·1
4	cu hor,	2	sc-cu, fg,	1	clear	0	clear,	0	clear,	0	clear,	0	142·3	69·9	85·6	74·8
5	cr-cu, hz,	2	cu-hor,	1	ny-clear,	0	fl-cu, cu-st,	4	sc cu,	3	sc-cu,	2	135·5	65·1	85·3	71·9
6	fl-cu,	3	sc cu,	1	sc-cu,	1	cu-hor,	1	do.	1	sc-cu, hz,	1	122·0	69·9	84·6	77·3
7	Do	3	fl-cu,	4	fl-cu, cu-st,	1	fl-cu, cu st,	4	fl-cu, cu-st, hz,	3	cu, hz,	2	130·5	69·9	84·0	75·0
8	...	...	...	...	...	...	...	...	...	...	...	...	130·3	63·2	85·8	70·9
9	sc-cu,	2	sc-cu, cu-st,	3	fl-cu,	2	sc-cu,	2	sc-cu,	1	sc cu,	1	136·0	62·2	83·4	70·3
20	do.	1	fl cu, hz,	3	sc-cu,	1	fl-cu, hz,	3	sc-cu, hz,	1	sc-cu, hz,	1	135·3	64·0	83·6	71·4
1	ny-clear	0	cr, cr-hz, cr-st	5	cr, cr-hz, cr-st,	5	cu, cr, cr-hz, cr-st,	5	d-cr-hz, cr-st, cu,	5	d-cr-hz, cr-st, cu,	6	135·3	64·1	84·0	71·0
2	do.	0	cr, cr hz, cu,	4	cr, cr-hz, cr-cu,	[illegible]	cu, cu-st, cr, hz,	4	cu, cr-hz,	6	cu, cr hz,	4	135·2	64·9	84·0	71·1
3	do	0	cr, cr-hz, cr-st,	3	cr-cu, cr-st, cr-hz,	[illegible]	do.	4	do.	2	do.	2	132·3	64·5	85·2	71·7
4	do.	0	cr, cr-st,	1	cr, cr-st,	1	sc-cu, cr,	4	sc-cu,	1	sc-cu, hz,	1	133·6	61·9	81·8	70·7
5	...	...	...	...	...	...	...	...	...	...	...	...	131·7	63·3	85·8	71·7
6	clear, D,	0	cr, cr-hz,	1	sc-cu,	2	cr, cr-hz,	1	cr, cr-st, cr-hz	2	cr, cr-st, cr-hz	1	141·5	62·9	86·9	70·0
7	ny-clear D,	0	cr hz, cr-st hor, fg,	2	cr-st, cr-hz,	3	cr, cr-hz, cr-st,	4	cr, cr-hz, cr-st,	5	cr-st, d-hz	4	126·2	—	89·8	70·3
8	cr, cr-hz,	3	cr, cr-st, d hz, fg,	7	cr, cr-st, d-hz, fg,	6	cr, cr-st, d-hz, fg,	6	d-cr-hz, cr-st	3	d-cr-hz, cr-st,	3	135·5	65·9	91·0	71·8

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard ... around
- cld ... clouds or cloudy
- cr or cir ... cirri or cirro or cirrous
- cu ... cumuli or cumulo
- D ... Dew
- d ... dense
- dis ... distant
- dt ... detached
- E ... East
- fg ... fog
- fk ... forked
- fl ... flying
- fr ... frequent
- g ... ground
- h ... heavy
- hl ... hale
- hor ... horizon
- hz ... haze or hazy
- ld ... loud
- lg ... lightning
- lt ... light
- mt ... meteor
- N ... North
- nim ... nimbi
- ny ... nearly
- ovd ... overclouded
- ovt ... overcast
- pe ... peals
- pt ... part or partly or partial
- R ... Rain
- r-bw ... Rain-bow
- S ... South
- sc ... scattered
- sh ... sheet
- st ... stratus
- th ... thunder
- thk ... thick
- v ... very
- vid ... vivid
- W ... West

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REMARKS ON THE WEATHER FOR THE MONTH OF MARCH 1854.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	d-cr-hc, cr, cr-st, ...	4	cr, cr-st, hz. ...	2	cr, sr-st, hz, ...	2	cr, cr-st, hr, ...	1	ny-clear, ...	0	ny-clear, ...	0
2	ny-clear, ...	0	do. ...	1	do. ...	1	do. ...	1	sr cu, sr-hc, ...	1	cr-cu, cr-hz, D, ...	1
3	sr-st, cr-hz, ...	3	cr-st, cr-hz, ...	2	ny-clear, ...	0	lt-fl-cu, hz, ...	1	clear, ...	0	clear, D, ...	0
4	do. ...	1	do ...	1	clear, ...	0	clear, ...	0	fl-cu, cu-st, ...	3	...	...
5	...	...	...	...	...	...	...	...	...	...	cu, cr-st, cr-hz, ...	3
6	ny-clear, ...	0	clear, ...	0	do. ...	0	do. ...	0	clear, ...	0	cr-hz, cu, ...	1
7	clear, ...	0	do. ...	0	do. ...	0	do. ...	0	cu, cu-st, hz, ...	4	clear, ...	0
8	ny-clear, ...	0	ny-clear, ...	0	do. ...	0	do. ...	0	clear, ...	0	do. ...	0
9	cu-hor, ...	1	do. ...	0	do. ...	0	do. ...	0	do. ...	0	do. ...	0
10	do. ...	1	cu-hor, ...	1	fl-cu, hz, ...	2	fl-cu, cr-hz, ...	3	cu, cr-hz, ...	2	cu, cu-st, cr-hc, ...	3
1	sc-cu, ...	1	cc, hr, ...	1	cu, hz, ...	2	fl-cu, hz, ...	3	fl-cu, hz, ...	2	...	...
2	...	...	...	...	...	...	...	...	...	...	clear, ...	0
3	clear, ...	0	ny-clear, ...	0	ny-clear, ...	0	ny-clear, ...	0	clear, ...	0	do. ...	0
4	do. ...	0	cr, cr-hz-hor, ...	1	cr, cr-hz, ...	2	clear, D, ...	0	do. ...	0	do. D, ...	0
5	do. ...	0	do. ...	1	clear, ...	0	do. ...	0	do. D, ...	0	do. D, ...	0
6	ny clear. ...	0	cr, cr-hz, ...	1	cr, cr-hz, ...	1	ny-clear, ...	0	do. ...	0	cu, cu st, cr-hr, ...	7
7	clear, ...	0	ny-clear, ...	0	clear, ...	0	clear, ...	0	do. ...	0	clear, D, ...	0
8	ny-clear, ...	0	clear, ...	0	do. ...	0	do. ...	0	do. D, ...	0	...	...
9	...	...	...	...	...	...	...	...	...	...	cu, cu-st, cr-hz, ...	4
20	clear, ...	0	do. ...	0	do. ...	0	do. ...	0	do. D, ...	0	clear, D, ...	0
1	sr, cr-st, ...	2	cr, cr-st, ...	1	ny-clear, ...	0	fl cu, ...	1	fl-cu. ...	1	do. ...	0
2	ny-clear, ...	0	clear, ...	0	clear, ...	0	fl cu, hz, ...	3	cu. cu-st, hz, ...	3	fl-cu, ...	2
3	sr, cr-st, hz, ...	1	ny-clear, ...	0	do. ...	0	do. ...	3	fl cu, ...	2	do. ...	2
4	d-cr-hz, cr-st, cu, ...	5	cr-st, cr-hz, ...	2	sr, cr-st, ...	2	cr-hz, cr-st, ...	2	clear, ...	0	ny-clear, ...	0
5	cr-st, d-cr-hz, ...	2	cr, cr-hz, ...	2	cr, cr-hz, ...	1	fl-cu, hz, ...	2	do. ...	0	...	...
6	...	...	...	...	...	...	...	...	...	...	cr-st, cr-hc, ...	2
7	cr, cr-hz, ...	1	do. ...	1	ny-clear. ...	0	clear, ...	0	cs, cu-st, ...	2	cu, cu-st, D, ...	1
8	cr-hz, cr-st, ...	1	cr-hc, cr-st, ...	1	do. ...	0	do. ...	0	clear, ...	0	clear, ...	0
9	cr, cr-hz, cr-st, ...	3	sr st, cr-hz, ...	2	do. ...	0	ny-clear, ...	0	ny-clear. ...	0	do ...	0
30	cr, cr-hz, cr-cu, cr-st,	6	ny-ovt, ...	8	ny-ovt, fr-viv-sh lg-SW. ...	7	ovt, fr viv-sh-lg, hy-th, R,	8	ovt, fr-viv-sh-lg-S,	8	ny-ovt, sh-lg S, ...	8
1	sc-cu, cr-hr, ...	2	cu-st, cr-hz, ...	1	ny-clear, ...	0	fl-cu, hr, ...	2	clear, ...	0	cu, hz, ...	2

REMARKS ON THE WEATHER FOR THE MONTH OF APRIL 1854.

Date.	NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	cu, cr-cu, cr-hz, cr-st,	2	cr, cr-st, cr-hz, ...	2	cu, cr-st, hz, ...	2	cr-st, hz, ...	1	ny-clear, ...	0	...	...
2	...	...	...	...	...	...	...	...	...	...	ny-ovt. ...	7
3	cu, cr-st, cr hr, ...	3	cu, cu- st, cr-hz,	6	cu, cu-st, cr- hz, ...	3	cu, cr-st, hz, ...	1	cu, cr, cr-hc, nim,	5	sc cu, hz, ...	2
4	cu, cr-cu, cr-hz ...	3	cu-st, cr-hz, ...	1	ny-clear, ...	0	cr-st, hz, ...	1	cu, cr, cr-hz, ...	3	ny-clear, ...	0
5	ny-clear, ...	0	lt-cu, cr-st, hr ...	1	lt-cu, cr-st, hz, ...	3	lt-cu, cr-st, hz, ...	3	cu, sr, cr-st, ...	3	do. ...	0
6	clear, ...	0	ny-clear, ...	0	clear, ...	0	clear, ...	0	cu, cr, cr-hz, ...	3	cs. cr-hz, cr-st, ...	5
7	cu, cr-ss, cr-hz,	3	cr, cr-st, cr-hz, ...	1	ny-clear, ...	0	cr-st, hz, ...	1	cr, cr-hc, cr-st, ...	1	ny-clear, ...	0
8	cr, cr-st, cr-hz, ...	1	clear, ...	0	clear, ...	0	clear, ...	0	clear, ...	0	...	...
9	...	...	...	...	...	...	...	...	...	...	sr-cu, cr-hz, ...	3
10	clear, ...	0	do. ...	0	do. ...	0	do. ...	0	cr, cr-cu, cr-hz, ...	2	cr, cr-hz, cr-st, ...	2
1	do. ...	0	ny-clear, ...	0	ny-clear, ...	0	do. ...	0	ny-clear, ...	0	cu, cu-st, cr-hz, nim,	6
2	ny-clear ...	0	do. ...	0	clear, ...	0	do ...	0	do ...	0	fl-cu, cu-st, ...	2
3	cu, hr, ...	1	cu, hc, ...	1	do. ...	0	cr-st, hz, ...	1	cr, cr-hz cr-st, ...	1	cr, cr-hz, cr-st, ...	1
4	cr-st, hz, ...	1	cr, cu-st, hz, ...	1	ny-clear, ...	0	ny-clear, ...	0	cr-st, cr-hc, ...	1	fl-cu, cu-st, cr-hz,	3
5	cr-st, cr-hz, ...	1	cu, hr, ...	2	cu, cr-st, hz, lg-SW,	3	cu, cr-cu, cr-st, hz, ...	4	cu, cu-st, cr-hz, nim ...	4	...	...
6	...	...	...	...	...	...	...	...	...	...	cr-st, cr, cu, ...	2
7	cr-hz, cr, cr-st, cu,	6	lt-cu, cr-st, hz, sh-lg W,	4	sr-st, hz, ...	1	lt-cu, cr-st, hz, ...	2	cr-hz, cr-st, ...	7	cr-hz, cr-st, ...	6
8	cr, cr-hc, cr-st, ...	2	cu, cu-st, cr-hz, ...	2	cr-st cr-hz. ...	1	cu, d-cr-hz, ...	3	d-cr-hz, cr-st, ...	4	d-cr-hz, cr-st, ...	4
9	sr, cr-hz, cu, ...	1	cr-st, hz, ...	1	clear, lg-SW, ...	0	cr-st, hz, ...	2	cr-st, sr, ...	1	cu, cr-hz, ...	4
20	cr-hr, cr-st, ...	3	cr-st, cr-hz, ...	5	lt-cu, cr-st, hr, ...	4	do. ...	3	cr, cr-hz, ...	3	cr, cr-hr, cr-st, ...	6
1	ny-ovt, ...	7	ny-ovt, ...	6	cr-hz, ...	2	cu, hz. ...	4	ovt, ...	8	ovt, ...	6
2	d-hz, cr, ...	5	cr, cr-st, cr-hz, ...	2	hz-hor, ...	1	cr-st, hz, ...	1	cr, cr-hz, cu, ...	2	...	...
3	...	...	...	...	...	...	...	...	...	...	ny-clear, ...	0
4	cu, cr st, d-cr-hz, ...	5	cu, hr, ...	5	ny-clear, ...	0	ny-clear, ...	0	ny-clear, ...	0	do. ...	0
5	ny-clear, ...	0	cr-st, cr-hz, ...	3	cr-st, cr-hz, ...	2	cr-st, cr-hc, ...	2	do. ...	0	cr, cr-hz, cr-st, ...	1
6	do. ...	0	ny-clear ...	0	ny-clear, ...	0	ny-clear, ...	0	clear, ...	0	clear. ...	0
7	cr-cu, cr, cr-hz, ...	[illegible]	cr, cr-cu, d-hz, ...	4	do. ...	0	cr-st, hz, ...	1	do. ...	0	do. ...	0
8	ny-clear, ...	[illegible]	cr, cr hz, ...	1	cr-hz-hor, ...	1	ny-clear, ...	0	ny- clear, ...	0	ny-clear, ...	0
9	cs-cu, hz, ...	1	cu-st, cr-cu, hz, ...	2	cu, cu-st, hz, ...	2	cu, cu-st, hc ...	4	cr, cr-hz, cr-st, ...	1	...	...
30	...	...	...	...	...	...	...	...	...	...	do. ...	0

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard ... around
- cld ... clouds or cloudy
- cr or cir ... cirri or cirro or cirrous
- cu ... cumuli or cumulo
- D ... Dew
- d ... dense
- dis ... distant
- dt ... detached
- E ... East
- fg ... fog
- fk ... forked
- fl ... flying
- fr ... frequent
- g ... ground
- hy ... heavy
- hl ... halo
- hor ... horizon
- hz ... haze or hazy
- ld ... loud
- lg ... lightning
- lt ... light
- mt ... meteor
- N ... North
- nim ... nimbi
- ny ... nearly
- ovd ... overhead
- ovt ... overcast
- ps ... peals
- pt ... part or partly or partial
- R ... Rain
- r-b ... rain-bow
- S ... South
- sc ... scattered
- sh ... sheet
- st ... strati
- th ... thunder
- thk ... thick
- v ... very
- viv ... vivid
- W ... West

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REMARKS ON THE WEATHER FOR THE MONTH OF MARCH 1854.

Date.	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Thermometers. Radiations. Sol.	Radiations. Ter.	Air. Max.	Air. Min.
1	ny-clear, D, ...	0	cr-st, cr-hz-hor,	1	ny-clear, ...	0	ny-clear, ...	0	clear, ...	0	clear, ...	0	128·8	62·1	90·6	70·4
2	cr-st, cr-hz, D,	2	cr-st, d-cr-hz, ..	4	cr, cr-st, d-hz,	5	cr, cr-st, d-hz,	5	cr-st, cr-hz, ...	4	cr-st, cr-hz, ...	3	127·5	64·0	89·0	72·1
3	clear, D, ...	0	cr-hz, cr-st, ...	2	cr-st, cr-hz, ...	1	ny-clear, ...	0	ny-clear, ...	0	do.	1	134·5	61.1	87·3	69·3
4	... ...	...	... ...	..	... ...	...	... ...	...	... ...	...	... ...	..	127·5	65.9	89·6	73·0
5	cr-cu, cr-st, hz,...	2	fl-cu. hz, ...	1	cu, cr-hz, ...	3	fl-cu, cu-st, ...	3	cu-hor, ...	1	cu-hor, ...	1	118·5	67·1	88·4	75·7
6	cr-hz, cr-st,	1	ny-clear, ...	0	do.	3	sc-cu, cr-hz, ...	1	ny-clear, ...	0	clear, ...	0	122·0	63·9	88·3	72·6
7	ny-clear, ...	0	cu, hz, ...	1	sc cu, cu-st, cr, ...	2	clear, ...	0	clear.	0	ny-clear-	0	124·0	67·9	91·2	75·5
8	clear, ...	0	clear, ...	0	clear, ...	0	do, ...	0	ny-clear, ...	0	cu-hor, ...	1	119·0	68·8	91·2	76·5
9	do.	0	cu, cr-hz, ...	2	cu, cu-st, cr-hz, ...	3	cu, cu-st, cr-hz, ...	3	cu, cu-st, cr-hz, ...	3	do.	1	132·1	69·6	89.8	77·0
10	cr-st, cr-hz,...	2	do.	2	cu, cu-st, hz, ...	3	fl-cu, ...	2	cu-hor, ...	2	fl-cu, ...	3	126·1	68·0	88.7	75·7
1	... .	...	... ...	.	... .	...	... ...	..	... ...	..	... ...	...	123·5	67·9	86.5	74·6
2	ny-clear, ..	0	clear, ...	0	clear, ...	0	clear, ...	0	clear, ...	0	clear, ...	0	124·8	63·3	89.4	73·5
3	clear, ...	0	ny-clear, ...	0	cu, hz, ...	1	ny-clear, ...	0	ny-clear, ...	0	do.	0	127·5	64·2	91.0	72·5
4	do, D, ...	0	clear, ...	0	clear, ...	0	do.	0	clear, ...	0	do.	0	115·2	65·9	89·6	73·0
5	do. D, ...	0	ny-clear, ...	0	ny clear, ...	0	do.	0	do	0	ny-clear, ...	0	114·1	63·8	89.7	70·7
6	cu, cr-st, hz,	2	cu cr-st-hor, ...	1	sc-cu, cr-st, ...	1	clear, ...	0	do. ... —	0	clear, ...	0	125·0	64·9	90.9	73·0
7	clear, D, ...	0	clear, ...	0	sc-cu, cr-hz, ...	2	ny-clear, ...	0	ny-clear, ...	0	ny-clear, ...	0	111·5	61·8	87·9	70·3
8	... ...	..	... .	..	... ...	...	... ...	..	.. ...	...	... ...	..	115·5	62·9	87·3	72·5
9	cu, cu-st, cr-hz, ..	3	cu, cr-hz, ..	2	cu, cu-st, cr-hz, ..	3	cu, hz, ...	1	clear, ...	0	clear, ...	0	110·4	68·9	87·7	73·3
20	cr-st, cr-hz, D,	1	ny-clear. ...	0	cu, ...	1	sc-cu, ...	2	cu, cu-st, ...	2	cu, cr, ...	1	120·5	60·9	88·2	69·6
1	fl-cu, cu-st, cr-hz,	3	fl-cu, cu st, cr-hz,	4	cu, cu-st, cr-hz, ...	3	cu, cu-st, cr-hz, ...	3	fl-cu, cu-st, ...	3	ny clear, ...	0	122·0	71·9	89·2	77·3
2	fl-cu, ...	2	ny-clear, ...	0	fl-cu, hz, ...	4	fl-cu, hz, ...	2	cu, hz-hor, ...	1	cr, cr-st. hz, ...	1	123·0	68·4	90·5	75·5
3	ny-clear, ...	0	cr-st, cr-hz,	1	fl-cu, cr-hz, ...	4	cr-st, d-cr-hz, ...	3	d-cr-hz, cr-st, cu, ..	4	d-cr-hz, cr-st, cu,...	4	134·1	70·1	91·1	76·5
4	cr-st, cr-hz, cu ...	2	cr-cu, cr-hz, ...	7	cr, cr-st, cr-hz,	5	cr-st, d-cr-hz,...	5	cr-st, d-cr-hz,...	6	cr-st, d-cr-hz,...	3	117·9	69·7	91·8	76·2
5	... ...	..	... ..	...	.. ..	...	... ...	...	... .	...	... ...	..	118·7	68·9	90·8	74·8
6	cr, cr-st, hz, ...	2	cu, cr, cr-st, cr-hz,	4	cu, cr, cr-st, cr hz,	4	cr-cu, cr-hz, ...	3	cr, cr-st. d-cr-hz,	3	cr, cr-hz, ...	2	117·0	66·2	90·9	75·6
7	ny-clear. D,...	0	cr-hz, cr-cu, cr-st, D,	3	sc-cu, cr-st, cr-hz,	4	cr-st, cr-hz, cu, ...	1	cr-st, cr-hz, cr, ...	3	cr-st, cr-hz, ...	1	119·5	63·9	91·2	74·2
8	cu, cr-st, hz, ...	2	cr-cu, cr-st, cr-hz,	3	cu, cr-hz, cr-st, ...	4	cu, cr-hz, cr-st,	3	cu, cr, d-cr-hz,	8	cu, cr, d-cr hz,	6	113·8	70·8	91·5	77·1
9	clear, ...	0	ny-clear, ...	0	cu, cu-st, cr-hz,	3	sc-cu, cr-hs, ...	2	sc-cu cr-hz, ...	2	cr, cr-hz, cr-cu, nim,	3	118·0	71·7	92·2	77·6
30	ny-ovt, ...	7	cr-cu, cr-st, ..	1	cr-cu, cr-hz, ...	2	cu, cr-cu, cr st, cr hz,	4	cr, cr-hz, cr-st,	4	cr, cr-hz, cr-st, ...	5	136·7	72·4	90.5	76·0
1	cu, cr, hz, ...	2	cu, cu-st, cr cu, cr-hz	4	cu, cu-st, cr-cu, cr-hz,	5	cu, cu-st, cr-cu, cr-hz,	4	cu, cr-hs, cr-st, ..	2	cu, cr-hz, cr-st,	2	117·5	72·7	92·2	77·6

REMARKS ON THE WEATHER FOR THE MONTH OF APRIL 1854.

Date.	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Sol.	Ter.	Max.	Min.
1	... ...	..	... ...	...	... ...	.	... ...	...	... ...	...	... .		123·3	72·1	92·2	78·0
2	cu, cu-st, ...	2	cu, cr-cu, cr hz, nim.	6	hy-cu, cu-st, cr-hz, nim,	7	cu, cu-st, nim, ...	3	cu, cu-st, hz, ..	3	cu, cu-st, cr hz,	3	126·7	76·5	91·1	80·3
3	sc-cu, hz, ...	1	cu, cr, cr-hz, cr-st,	6	cu, cr-cu, cr-hz, ...	4	cu, hz, ...	3	cu, cu-st, cr-cu, cr-hz,	4	cu, cu-st, cr-cu, cr-hz,	2	123·4	73·4	92·7	77·8
4	ny-clear, ...	0	cr-cu, cr-st, ...	2	fl-cu, cu-st, ...	3	sc-cu, hz, ...	1	cr-st, cr-hz, cu, ..	1	cu, cr-st, ...	1	121·3	74·0	93·2	77·9
5	do. D, ...	0	ny-clear, ...	0	ny-clear, ...	0	ny-clear, ...	0	ny-clear, ...	0	clear, ...	0	128·8	74·9	93·7	78·4
6	cu, hz, ...	2	do.	0	cr, cr-hz, cu, ..	2	cu, hz.	2	cu, cr-cu. cr-hz, ...	3	cu, cr-cu, cr-hz,	3	123·7	73·7	95·6	79·1
7	clear, ...	0	cr, cr-st, ...	1	ny-clear, ...	0	cr-cu, cr-hz, ...	2	cr-cu, cr-hz, ...	2	cr-cu, cr-hz, ...	2	115·8	75·9	94·9	79·8
8	.. ..	...	... ...	..	... ...	...	... ...	...	... ...	...	.. ...	..	123·5	79·9	96·0	82·3
9	cr-hz, ...	1	cr, cr-hz, cr-st,	4	cr, cr-hz, ...	2	ny-clear, ...	0	ny-clear, ...	0	cr-hz. cr-st, ...	2	124·5	77·1	97·3	81·5
10	cr, cr-hz, cr-st,...	1	cr-cu, hz, ...	1	cr-cu, hz, ...	1	clear, ...	0	clear, ...	0	clear, ...	0	119·0	77·4	96·1	82·9
1	cu, cu-st, cr-hz,	3	hy-cu, cr, ...	5	sc-cu.	2	sc-cu,... ...	2	sc-cu, ...	2	sc-cu, cr-hz, ...	1	115·3	79·8	95·6	83·9
2	fl-cu, cu st, ...	2	ny-clear, ...	0	lt-cr-hz, ...	1	cu, hz, ...	1	sc cu, hz, ...	2	sc-cu, hz, ...	1	111·3	78·9	94·8	82·8
3	clear, ...	0	cr-hz, cr-st ...	2	sc-cu, cu-st, cr-hz,	3	sc-cu, cu-st, cr-hz.	2	sc-cu, cr-hz, ..	1	sc-cu, cr-hz, ...	1	123·5	78·7	95·6	82·0
4	fl-cu, cu-st, cr-hz.	3	cu, cr-cu, cr-st, cr-hz,	4	cu, cu-st, cr-hz, ...	3	cr-st, cr-hz, cu, ..	2	cr-st, hz, ...	1	cr-st, cr-hz, ...	2	121·5	79·2	96·7	83·6
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	.	... ...	..	115·0	79·9	96·5	83·2
6	cr-cu, cr-st, cr-hz	4	cr, cr-hz, cr-st,	5	cr, cr-hz, cr-st, ...	6	cu, cr, cr-hz, cr-st,	6	cu, cr-hz, cr-st, ...	3	cu, cr-hz, cr-st,	3	115·5	80·4	94·5	83·3
7	cr-hz, cr-st, ...	7	cr-hz, cr-st, cr-cu,	6	cr, cr-st cr-hr, cu,	6	cr, cr-st, cr-hz, ..	6	cr, cr-st. cr-hz,	4	cu, cr, cr-hz, cr-st,	3	133·0	80·9	99·8	83·5
8	cu, cr-st, cr-hz,	3	cu, cr-cu, cr-hz,	5	fl-cu, cu-st, ...	6	cu, cr, cr-st, ..	3	cu, cr, cr st, ...	3	cu-hor, ...	2	116·7	79·9	94·9	83·5
9	cu, cr-hz, ...	3	cr, cr-hz, ...	2	cu, cr-st, cr-hz,	3	cu, cr-st, cr-hz, ..	4	cu, cu-st, d-cr-hz,	4	cr-st, cr-hz, cu,	3	123·0	79·4	95·8	82·1
20	cr, cr-hz, cr-st,	5	ovt.... ...	8	ovt, ...	8	ny-ovt, ...	7	d-cr-hz, cr, cr-cu, ...	6	ny-ovt, ...	7	126·7	76·2	99·4	80·8
1	ovt, ...	8	ny-ovt,... ...	7	ny-ovt, ...	7	d-hz, cr, ...	5	d-hz, cr, ...	3	d-hz, cr, ...	4	145·1	79·4	107·0	83·3
2	... ...	...	... ..	.	... .	..	... ...	...	... ...	...	... ...	..	144·5	77·9	105·8	83·2
3	ny-clear, ...	0	cr, cr-hz, ...	1	clear, ...	0	clear, ...	0	ny-clear, ...	0	cr-st, cr-hz, ...	2	142·7	78·4	106·2	83·2
4	clear, ...	0	ny-clear, ...	0	do.	0	ny-clear, ...	0	do.	0	ny-clear, ...	0	120·7	79·4	99·2	82·8
5	ny clear, ...	0	do.	0	ny clear, ...	0	do.	0	cr, cr-hz, ...	1	do.	0	129·5	79·7	99·3	83·1
6	clear, ...	0	cr-cu, cr, cr-hz,	4	cr-cu, cr, cr-hz, ...	3	cr-hz, cr-cu, ...	1	cr-cu, cr-hz, ...	3	cr-cu, cr, cr-hz, ...	3	116·5	77·7	95·1	81·9
7	do.	0	clear, ...	0	ny-clear, ...	0	ny-clear, ...	0	ny-clear, ...	0	ny-clear, ...	0	112·5	76·9	93·5	81·3
8	cr, cr-hz, ...	1	ny-clear, ...	0	cr-st, cr-hz, ...	2	do. ...	0	cr, hz, ...	1	cr-st, cu, ...	1	180·2	76·9	99·8	81·1
9	... ...	...	... .	...	... ...	..	... ...	...	... ...	..	... ...	...	—	77·9	94·7	80·0
30	cu, hz, ...	2	cr-cu, cr-hz,	2	ny-clear, ...	0	ny-clear, ...	0	ny-clear, ...	0	cu-st, hz, ...	1	115·2	76·9	95·0	82·8

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard........around
- cld.........clouds or cloudy
- cr or cir...cirri or cirro or cirrous
- cu.........cumuli or cumulo
- D..........Dew
- d..........dense
- dis........distant
- dt.........detached
- E..........East
- fg.........fog
- fk.........forked
- fl..........flying
- fr..........frequent
- g..........ground
- hy.........heavy
- hl..........halo
- hor........horizon
- hz.........haze or hazy
- ld..........loud
- lg..........lightning
- lt..........light
- mt.........meteor
- N..........North
- nim.......nimbi
- ny.........nearly
- ovd........overhead
- ovt........overcast
- ps.........pasis
- pt..........part or partly or partial
- R..........Rain
- rb..........rain bow
- S..........South
- sc..........scattered
- sh..........sheet
- st..........stratus
- th..........thunder
- thk........thick
- v...........very
- viv.........vivid
- W..........West

REMARKS ON THE WEATHER FOR THE MONTH OF MAY 1854.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	cr-st, hz,	2	cu, cr-cu, hz,	6	cu, cr-cu, hz,...	5	cu, cu-st, cr-hz,	4	cr-cu, hz,	2	cr, cr-hz,	1
2	lt-cu, cr-st, hz,	2	lt-cu, cr-st, hz,	3	cr-st, hz,	3	cr-hz,	2	cu, cu-st, cr-hz,	5	cr-st, cr-hz,	2
3	cr-st, hz.	1	cr-st, hz,	1	do.	2	cr-st, hz,	2	cr-st, hz,	1	ny-clear,	0
4	do.	1	do.	2	do.	1	do.	1	do.	1	cu, cr-st, hz,	2
5	do.	2	do.	2	do.	2	do....	1	cu, cu-st, cr-hz,	3	cu, cu-st, cr-hz, ...	2
6	cu, cu-st, cr-st, hz,	3	cu, cu-st, cr-st, hz,	3	cu, cu-st, cr-st, hz, hl- ☽	4	cr-st, cr-hz,	2	cr-st, cr-hz,	2	...	..
7	...	..	...	..	...	..	...	..	...	..	cu, hz,	1
8	cu, cr, cr-st, cr-hz,	3	cu, cr, cr-st, cr-hz	3	cu, cr, cr-st, cr-hz, hl- ☽	3	cr, cr-st, cr-hz, ...	4	cu, cu-st, cr-hz,...	3	cu, cr-st, hz, ..	2
9	cu, hz,	2	cu-st, cr-st, ...	2	cu, cr-st, sh-lg-NW-hor,	1	ny-clear,	0	cu, cr-cu, hz.	2	cu, cu-st, cr-hz, ..	4
10	do.	1	cu, hz.	1	cu, hz,	2	clear,	0	cr-cu, cr-st, hz, ...	2	cu, cu-st, cr-st, hz, ...	3
1	cu-hor,	1	cu-hor,	1	ny-clear, ..	0	do. ...	0	cr-st, cr-hz, cu	2	cu, cu-st, cr-hz, ...	3
2	ny-clear,	0	ny-clear,	0	do....	0	ny-clear, ...	0	cu, cr-cu, cr-hz, ...	2	cr-cu, cr-st, hz,	3
3	cr-hz, cr-st, ...	3	cr-st, hz,	2	cu, cr-st, hz,	2	do.	0	ny-clear,	0	...	..
4	...	..	...	..	...	..	...	..	...	..	fl-cu, cu-st, ...	4
5	cu, cr-st, cr-hz,	2	cr-st, cr-hz, ...	2	cu, hz,	1	cr, cr-st,	3	cu, cu-st, cr-st, hz,	3	cu, cr-cu, cr-hz,...	2
6	cr-hz, cr-st,	2	cr-hz, cr-st,	2	cu-hor, lg-W-hor,	1	cu, cr-hz,...	1	cu, cu-st, cr-hz,	5	cu, cr-st, cr-hz.	2
7	ny-clear,	0	cr-st, hz,	1	ny-clear,	0	clear...	0	cr-st, cr-hz, ...	1	cu, cu-st, cr-hz, ...	4
8	do.	0	do.	1	cu-hor, sh-lg-SW-hor,	1	do.	0	fl-cu, cu-st, cr-hz,	4	cu, cr-st, hz, ..	2
9	cr-st, lt-hz, ...	2	cr-hz, cr-st, ...	2	cr hz, cr-st, ...	2	cr-hz, cr-st, ..	2	cr-cu, cr-st, hz,	2	cu, cr-st, cr-hz, ...	2
20	cr-hz, cr, cr-st, ...	4	lt-cu, cr-st, hz, ...	3	lt-cu, cr-st, hz, ...	3	lt-cu, cr-st, hz, ...	5	cu, cr-st, hz,	3	...	..
1	...	..	...	..	...	..	...	..	...	..	ny-clear,...	0
2	cr-cu, cr-hz, cr-st,	6	cr-cu, cr-hz, cr-st,	5	cr-st, cr-hz,	3	ny-ovt, lg-SW-hor. ..	7	cu, cu-st, cr-hz, ...	3	cu, cr-st, hz,...	2
3	d-cr-hz, cr-cu, cr-st, ...	6	do.	7	ovt, ...	8	cu, cr-cu, cr-st, d-cr-hz,	6	cu, cr-cu, cr-st, hz, ...	5	ny-ovt, ...	7
4	cu, cr-hz,	3	cu, cr-hz,	3	cu, cr-hz,	3	ny-ovt,	8	ny-ovt, ...	7	do.	7
5	cr-cu, cr-hz, ...	3	do.	2	do....	7	cr, cr-hz,	3	cu, cr-st, cr-hz,	2	cr-st, cr-hz,	2
6	d-cr-hz, cr-cu, ...	6	cr, d-cr-hz, sh-lg-N,...	3	cr, d-cr-hz, sh-lg-N,	4	cr-st, d-hz, lg-W-hor,	4	cu, cr-st, cr-hz, ...	2	cr, cr-st, cr-hz, ..	1
7	cr-cu, cr hz, cr-st, ...	3	cr-st, cr-hz,	4	cu, cu-st, hz, sh-lg-W,	4	cu, cr-st, hz, sh-lg-W,	4	cu, cr-st, hz,...	2	...	..
8	...	..	...	..	...	..	...	..	...	..	cr, cr-hz,	2
9	cr-cu, cr-st, hz,	4	cu, cr-cu, hz,	4	cu, cr-hz, cr-st, lg-W,	4	cu, hz, ...	4	cu, cr-cu, cr-hz,	3	cu, cr-cu, cr-hz, ...	3
30	cr-cu, cr-st, cr-hz,	2	cr-cu, cr-st, cr-hz, ...	3	cr-cu, cr-st, cr-hz, lg-W,	2	do. lg-W, ..	2	ny-clear,...	0	ny-clear, ..	0
1	cu, cr-hz, ...	4	cr-st, hz, lg-W-hor,	4	cr-st, hz, lg-W, hl- ☽	[illegible]	cr-st, hz, lg-W,...	3	cr-hz, cr-st, ...	2	do ...	0

REMARKS ON THE WEATHER FOR THE MONTH OF JUNE 1854.

Date.	NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	cu-st, cu, hz,...	3	cu, cu-st, hz,	4	cu, cu-st, d-hz, lg-W,	5	cu, d-cr-hz, lg-W,	7	d-cr-hz,	4	d-cr-hz,	5
2	cr-hz, cr-st,	2	cr-cu, cr-st, hz, ...	3	cu, cr-cu, cr-st, hz, ...	4	cu, cr-st, hz,	4	cr-hz, cr-st	1	ny-clear, ..	0
3	cr-st, cr-hz, d-hz-hor, th,	2	cu, cu-st, hz, hl- ☽, lg-W,	4	cr-cu, fl-cu, cr-st, hz, lg-WSW, hl- ☽	4	cr-cu, cr-hz,...	8	cr-cu, cr-hz,...	6	...	..
4	...	..	...	..	...	..	...	..	...	..	cr, cr-hz, cr-st, ...	4
5	cr-cu, cr-hz, ...	7	ny-ovt,	7	cu, cr-st,	6	ovt, ...	8	fl-cu, cu-st, cr-hz.	8	cu, cr-st, hz, ...	3
6	cu, cu-st, cr-st, cr-hz, th-WSW.	7	cu, cu-st, hz, lg-S, ...	7	ny-ovt, lg-W, S, ..	7	do. lg-S, th-W, ...	8	cr-cu, cr-hz,	7	ovt,	8
7	cu, cr-st, hz.	6	cu, cr-st, cr-hz, lg-W,	4	cu, cr-st, hz, lg-S, SW	4	cu, d-hz, hl- ☽, lg-NW,	7	ovt, sh-lg, th-W,	8	do, sh-lg-S, SW,	8
8	fl-cu, cu-st, nim, ..	7	fl-cu, cu-st, nim,	6	cu, cr-hz,	2	hy-cu, hz, lg-N, S, ...	6	cr, cr-cu, cr-st, hz,	5	cu, cu-st, cr-hz, nim,	7
9	cu, cr-hz, nim, th-W,	7	ovt,	8	ny-ovt,	8	hy-cu, cu-st, lg-SW,	7	ovt, lt-R,	8	ovt, lt-R,	8
10	cu, cr-cu, cr-hz,	4	cu, cu-st, cr-st, lg-W,	8	cu, cu-st,	7	ovt, lg N, lt-R,	8	do.	8	...	..
1	...	..	...	..	...	..	...	..	...	..	cr-cu, cr-st, cr-hz, ..	8
2	cu, cr-hz, nim,	7	ny-ovt,	8	ovt, ...	8	ny ovt,	7	ny-ovt, ...	7	ny-ovt, ...	7
3	do.	5	hy-cu, cr, cr-hz,...	4	cr-hz, cr, lg-W....	4	cr-st, hz, hl- ☽, ...	3	cr-hz, cr-st, hl- ☽	5	cr, cr-hz, cr-st,	7
4	cu cr-hz,	2	cu, cu-st, cr-hz,	3	hy-cu, cu-st, nim,	7	cu, cr-cu, cr-hz, nim	6	cr cu, cr, cr-hz, ..	4	cr-cu, cr, cr-hz, ...	3
5	cu, hz,	2	cu, cu-st, hz, ...	3	cu, cu-st, d-hz, ...	3	cu, cu-st,	7	cr-st, cr,	3	ovt, ..	8
6	cu, cr-hz, nim,	5	hy-cu, cr-cu, cr-hz, nim,	7	ny-ovt,	8	ny-ovt, ...	7	ovt,	8	fl-cu, cr-hz,	6
7	cu, cu-st, cr-hz,...	4	cu, cu-st, cr-hz,	4	hy-cu, cu-st, cr-hz,	6	cu, cr-st, hz,...	3	cu, cr-hz, cr,	5	...	..
8	...	..	...	..	...	..	...	..	...	..	cu, cr-cu, cr hz,	3
9	fl-cu, cr, cr-hz, ...	7	cu-st, cr-st, d hz, ..	6	hy-cu, cu-st, hz, ..	7	cu, d-hz, sh-lg-NW,	7	cu, hz.	3	cu, hz,	4
20	fl-cu, cu-st, cr-hz, ...	6	cu, cu-st, hz,	7	cu, cu-st, lg-SW. ..	6	cr-cu, cr-hz, ...	6	ny-ovt, ...	8	ny-ovt, ...	7
1	cu, cu-st, cr, cr-hz,	6	cu-st, cr-st, hz,	5	cu, hz, lg-SW, ...	6	ovt, lt-R,	8	do.	7	ovt, ...	8
2	fl-cu, cu-st, cr-hz ...	6	cu, cr-cu, cr, hz,..	5	cu, cr-st, hz,...	6	ny-ovt,	7	ovt, sh-lg-SW, ...	8	ny-ovt, ...	7
3	hy-cu, cu-st, cr-hz,	7	hy-cu, cu-st, cr-hz, ...	7	hz, cu, cu-st, cr-hz,	7	ovt,	8	ny-ovt,	7	cu, cu-st, cr-hz, nim,	6
4	ovt, ...	8	ny-ovt, ...	7	cu, d-hz,	6	cu, d-hz,	5	cu, d-hz,...	6	...	..
5	...	..	...	..	...	..	...	..	...	..	ovt, R,	8
6	cr-cu, cr hz,...	5	cr-cu, cr-hz,	3	cr-st, hz,	1	cr-st, d-hz, ...	4	cr-cu, cr-hz,	6	cr-cu, cr-hz,	6
7	fl-cu, cu-st, cr-hz,	6	cu, cr, cr-hz,	4	ovt, dis-th, sh-lg, R,	8	ovt, th-E, lt-R, lg-SE,	8	ovt, ...	8	cu, cu-st, cr-hz,	4
8	cr, cr-hz,	4	hy-cu, cu-st, cr-st, hz,	6	cu, hz,	7	do, dis-th, sh-lg-SE,	8	ny-ovt, ...	7	ovt,	8
9	cu, cr-cu, cr-hz,...	5	cu, cu-st, cr-hz, ..	3	cu, cu-st, cr-hz,...	5	hy-cu, cu-st, hz, vis-lg-S	6	ovt, sh lg-SE,	8	ny-ovt.	7
30	cr, d-cr-hz, ...	6	cr, d-cr-hz,	5	cr, d-cr-hz,	7	cr, d-cr-hz, ...	7	cu, cr-hz, sh-lg-E, N,	6	do.	7

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard .... around
- cld .... clouds or cloudy
- cr or cir.. cirri or cirro or cirrous
- cu .... cumuli or cumulo
- D .... Dew
- d .... dense
- dis........ distant
- dt .... detached
- E .... East
- fg .... fog
- fk .... forked
- fl .... flying
- fr .... frequent
- G .... ground
- hy .... heavy
- hl .... halo
- hor .... horizon
- hz .... haze or hazy
- ld .... loud
- lg .... lightning
- lt .... light
- mt .... meteor
- N .... North
- nim .... nimbi
- ny .... nearly
- ovd .... overhead
- ovt .... overcast
- pa .... peals
- pt .... part or partly or partial
- R .... Rain
- r-b .... rain bow
- S .... South
- sc .... scattered
- sh .... sheet
- st .... stratus
- th .... thunder
- thi .... thick
- v .... very
- viv .... vivid
- W .... West

REMARKS ON THE WEATHER FOR THE MONTH OF MAY 1854.

Date.	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Thermometers. Radiation. Sol	Ter.	Air. Max.	Min.
1	cr,cr-hz, ...	1	ny-clear, ...	0	fl-cu, hz, ...	1	clear, ...	0	lt-cu, cr-st, ...	1	lt-cu, cr-st, hz, ...	1	111·0	74·9	93·8	81·2
2	cu,cu-st cr-hz,nim,	3	cu,cu st,cr hz,nim,	3	cu, cs, cr-hz, ...	2	fl-cu, cu-st, ...	2	ny-clear, ...	0	ny-clear, ...	0	111·2	77·1	92·6	82·2
3	cu,hz, ...	2	cu, cr-hz, cr-st,	3	cu, cr-cu, cr-hz, ...	4	cu, hz, ...	2	cu, hz, ...	1	cr-st, hz.	1	118·3	72·9	34·3	77·8
4	cu, cu-st, ...	2	cr,cr-st,cr-hz,cu,	1	fl-cu, hz, ...	3	3-cu, ...	2	cu-st, cr-st, hc,	2	cu. cr st, hz, ...	1	111·3	72·4	94·5	81·2
5	cu, cr-hz, cr-st,	4	cu, cr-hz, cr-st,	5	fl-cu, cc st, cr, ...	4	cu, cr-hz, cr-st, ...	4	cu, cr-hz, cr-st, ...	3	cu, cu-st, cr-st, hz.	3	112·0	74·2	95·7	80·9
6	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... .	...	115·2	76·9	94·5	82·5
7	clear, ...	0	cr, cr-hz, cu,	4	fl-cu, cu-st, ..	6	cu, cu-st, hz, ...	4	cu, cu-st, cr-st, ..	4	cu, cr, cr-st, cr-hc	3	113·2	76·8	95·2	83·0
8	cr, cr-hz, cr st,	4	cr, cr-hz, cr-st,	4	cr, cr-hc, cr-st,	4	cr, cr-hz,cr-st,	3	cu, cr-hz, cr-st,	3	cu, hz, ...	2	114·5	79·7	96·5	83·1
9	sc-cu, ...	2	do.	2	sc-cu, cr-hz, ..	2	ny-clear, ...	0	cu, hz, ...	1	do.	1	131·3	78·9	95·6	83·2
10	cu, cr, cr-hz,	2	cu, cr, cr-hz,	2	cr-hz, cu, ...	1	sc-cu, ...	3	do.	1	do.	1	117·3	78·9	96·0	83·2
1	cu, cr-hz, ...	3	cu, cr-st, hz, ..	1	fl-cu, cu-st, ..	3	cu, cu-st, ...	2	ny-clear, ...	0	clear, ...	0	116·0	80·3	95·8	81·0
2	fl-cu, cu-st,	4	cu, cu-st, cr-hz,	5	cu, cu-st, cr-hz,	5	cu, cr, cr-hc, ...	4	sc-cu, hc, ...	2	cr-cu, cr-hz, cr-st,	4	130·5	76·9	95·4	80·5
3	... ...	...	... ...	...	... ...	...	... .	...	... ...	...	.. ..		121·1	73·3	96·2	80·6
4	ny-clear, ...	0	cu, cr, cr-hz,	3	cr, cr-hz, cr-st,	3	cu, cu-st, cr-hz, ...	3	cu, cr-st, cr-hz,	2	cu, cr-st, cr-hz,	2	117·0	78·1	96·4	81·4
5	cu, cr, cr-hz, cr-st,	3	cr, cr-hz, cr-st, ...	3	do. .. .	4	cr, cr-hz, cr-st,	3	cr, cr-st, cr-hz, ...	3	cr-hz, cr-cu, cr-st,	3	121·2	78·9	96·3	81·8
6	ny-clear, ...	0	do.	2	3-cu, cu-st, ...	3	sc-cu, hz, ...	2	sc-cu, hz, ...	1	cu-hor, ...	1	117·5	76·1	95·4	81·4
7	cr, cr-hz, ...	1	cu, cr, cr-hz, ...	2	st-cu, cr-hz, ..	3	cu, cu-st, ...	2	cu-hor.	1	do.	1	115·2	76·3	95·5	73·9
8	do.	1	cr, cr-hc, cr-st,	2	sc-cu, ...	3	cr, cr-hz,... ...	2	cr-st, lt-hz, ...	1	cr-st, lt-hz, ...	1	120·5	76·1	96·6	81·9
9	ny-clear, ...	0	do.	3	cr, cr-hz, cr-st, ...	3	cr, cr-hz, cr-st,	3	cr-st, hz, ...	2	cr-hz, cr-cu, cr-st,	3	124·5	77·1	98·6	82·4
20	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	.. ..	...	127·1	77·9	98·7	83·0
1	cr, cr-st, cr-hz,	[illegible]	cr, cr-st, cr-hz,	2	cr, cr-st, cr-hz, ...	[illegible]	cr, cr-st, cr-hc,	2	cr-st, cr-hc, cr, ..	4	cr-st, cr-hz, cr,	3	130·5	77·9	98·9	81·5
2	do.	2	cr-cu,cr-hc, cr-st,	3	cr-cu, cr-hz cr-st,	[illegible]	cr-cu, cr, cr-hc, ...	4	cr-cu, cr, cr-hz.	3	cr-cu, cr-hz, cr-st,	5	139·0	78·2	101·3	84·3
3	ny-ovt, ...	7	cu, cr-cu, d-hz.	6	cr-cu, cr, cr-hz, ..	[illegible]	cr, cr-hz, ...	4	cr, cr-hz, ...	3	cu, cr-hz, ...	4	140·5	82·4	101·8	85·2
4	do.	7	cr, cr-hz, cr-st,cr-cu,	6	cr, cr-hz, ...	2	clear, ...	0	cr-st, hz, ...	3	cr-cu, cr-hz, ...	3	141·5	81·9	100·4	85·5
5	cr-cu, cr-st, hz,	4	cr, cr-hz, cu, ...	4	cr, cr-hz, cu, ...	[illegible]	cr, cr-hz, cu, ...	6	cr-hz, cr-st, ...	3	cu, cr-hz, cr, cr-st,	6	140·5	77·4	108·0	84·6
6	cr, cr-hz, ..	3	cr, st-hz, ...	4	cr-hz, cr-st, ...	[illegible]	cr st, cr-hz, cu, ...	4	ny-clear, ...	0	cr-cu, cr, cr-st, ..	3	140·3	73·9	108·6	84·0
7	... ...	...	... .	...	... .	...	.. ...	..	... ...	...	... ...		126·5	79·7	109·6	86·3
8	cc,cr, cr-hz,cr-st,	5	cu, cr-cu, cr-hz,	5	cr, d-cr-hz, ...	[illegible]	cr, cr-hz, ...	3	cu, cr-hz, ..	4	cr-cu, cr-st, ...	5	134·2	83·9	110·2	89·0
9	cr, cr-hc, ..	[illegible]	cr, cr-hz, ...	3	cr, cr-hz, ...	[illegible]	do.	[illegible]	ny-clear, ...	0	cu, hz,... ...	1	133·8	83·4	108·6	88·5
30	do. ...	[illegible]	cu, cr, cr-hz,	2	cc, cr, cr-hz, ...	3	cu, cr, cr-hc, ..	3	cr, cr-st, hc, ...	2	fl cu, cr, cr-st, hz,	3	130·5	82·9	109·6	87·7
1	do	[illegible]	cr-cu, cr-hc, ..	4	cr, cr-hz, cr st, ..	3	ny-clear, ...	0	cu-st, hz, ...	1	cu-st, hz, cu, ..	2	135·3	81·9	108·4	87·8

REMARKS ON THE WEATHER FOR THE MONTH OF JUNE 1854.

Date.	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Sol	Ter.	Max.	Min.
1	cu, cr-cu. ..	7	ny-ovt, ...	7	ny-ovt, ...	7	cr, cr-hc, ...	5	cu, cr-hz, ...	6	cr-st, cr-hz, cu, ...	4	126·6	30·7	107·4	87·5
2	ny-clear, ...	0	cr-hz, cr-st, ..	5	cr-hz, cr-st, ...	4	cr-hz, cr-st, ...	2	cr-hz, cr-st, ...	3	cr-hc, cr-st, cu, cu-st,	8	131·5	31·2	105·6	87·2
3	.. ..	...	.. ..	...	... ...	...	... ...		... .	..	... .	...	136·3	30·9	106·1	87·4
4	cr, cr-hz, ...	6	cu, cr-cu, cr-hz,	6	cu, cr-cu, cr hz,	5	cu, cr-cu, cr-hc,	6	cu, cr-cu, cr-hz,	5	cr-cu, cr-hz, th, lg,	6	131·5	82·7	106·8	89·1
5	cu, cr-st, hz, ..	3	cr-cu, cr-st, ...	4	cr-cu, cr-st, ...	3	cr-cu, cr-st, ...	3	cr, cr-cu, cr-st, cr-hc,	5	cu, cu-st, cr-st, cr-hz,	6	131·3	30·4	105·0	86·1
6	cu, cr, cr-st, cr-hz,	7	do. ...	6	ny-ovt, ...	7	cu, cr-cu, cr-st,	7	cu, cu-st, cr-st, cr-hz,	7	cu, cr-cu, hz, ...	5	129·9	78·9	104·1	88·4
7	ovt, sh-lt, S, W,	8	ny-ovt, ...	7	cu, cr-cu, cr-hz, ..	6	cr-cu, cr-st, d-cr-hz,	5	cr, cr-st, d-hz, ...	6	fl cu, cu-st, nim,	6	126·3	79·9	103·9	66·4
8	cr-hc cr-st, cu, .	6	cr hz, cr-cu,	6	cr-hz, cr-st, ...	6	cr-hz, cr-st, ..	7	ovt, ...	8	cu, cr-hz, nim, th. W,	7	130·5	78·4	100·7	63·9
9	ovt, ...	8	ovt, ...	8	ovt, ...	6	ovt, ...	8	ny-ovt, ...	7	cu, cr-cu, cr-hz, ..	4	120·5	77·9	101·1	81·3
10	... ...	...	... ..	...	... ...	.	... ...	..	... ...	...	... ...	...	126·1	77·8	101·7	81·5
1	cr-cu, cr-st, cr-hc,	8	cu, cr-cu, cr-st, cr-hz,	5	cu, cr-cu, cr-st, cr-hz,	3	fl-cu, cu-st, cr-hc,	4	cu, cr-hz, nim, ...	8	ovt, ...	8	130·8	79·9	102·8	85·2
2	cr-cu, cr-hz, ...	7	cr-cu, cr-hz,	6	cr-cu, cr-hz, ...	4	cr-cu, cr-hz, ...	3	cr-hz cr-st, cr-cu,	3	cu, cr-cu, cr-hz, nim,	4	130·5	77·7	104·9	81·2
3	cr, cr-st, cr-hz,	3	cr, cr-st, ...	3	cr, cr-st, ...	3	cr, cr st, ...	3	cr-hz, cr-st, ..	2	cu, hz, ...	2	128·3	78·1	105·7	85·1
4	cr-cu, cr-hz, ..	2	cr cu, cr-hz,	2	ny-clear, ...	0	cr, cr hz, ...	2	cr, cr-hz, ...	1	do.	2	134·5	79·9	105·4	86·1
5	ovt, ...	8	cu, cr-cu, hz, ...	4	cr, cr-hc, cr-st,	2	cr, cr-hz, cr-st,	2	cu, hz, ...	1	do.	2	126·5	80·1	106·0	86·7
6	ny-ovt, ...	7	cr-cu, cr-hz,	6	cr-cu, cr-hz, cr-st,	4	do.	3	cr, cr-hc, cr-st,	4	fl cu, cu-st, cr-hz,	6	127·1	76·9	103·0	85·1
7	. ...	.	... ...	...	... .	..	... ..	..	... .	...	... ...	..	135·8	79·9	100·1	84·5
8	cr-cu, cr-st, cr-hz,	3	cr-cu, cr-st, cr-hz,	5	ny-ovt, ...	7	d-cr-st, cr-hz, ...	7	d-cr-st, cr-hz, ...	7	fl-cu, cr, cr-hz, ...	6	122·0	78·8	101·3	84·3
9	cu, cr-st, cr-hc,	4	cu, cr-st, cr-hz,	6	cr cu, cr-st, cr-hz,	3	cr-st, cr-hz, cr, ...	4	cr-st, cr-hc, cr, ...	6	fl-cu, cu-st, cr-hz,	6	130·3	78·3	103·1	85·0
20	cu, cr-cu, cr-hz,	4	cu, cr-cu, cr-hz,	3	cr-st, cr-hc, ...	2	cr cu, cr, ..	1	sc-cu, ...	1	fl-cu, ...	3	130·7	79·9	103·9	85·4
1	cu, cr-hz, ...	3	cr-cu, hz, ...	5	cr-cu, cr-hc, ...	3	cu-st, hz, ...	2	cu, cr-st, hz, ..	3	cu, cu-st, cr-hz,	3	135·7	79·7	102·0	85·5
2	cu, cr-cu, cr-hz,	3	cr-cu, cr-hz,	6	do.	4	cr-cu, cr, ...	2	sc-cu, ...	2	hz-cu, cu st, cr-hc,	7	131·9	78·2	104·8	85·2
3	cu, cr-cu, cr-hz,	4	ovt.	8	ny-ovt, ...	7	ovt, ...	8	ovt, ...	8	ovt, ...	8	111·5	79·7	96·8	85·6
4	.. ..	..	... ...	.	... ...		... ...	..	... ..	..	... ...	.	130·5	79·9	101·6	83·2
5	ny-ovt, ...	7	do.	8	ovt, ...	6	ny-ovt, ...	7	cu, cu-st, cr-hz, ...	6	ny-ovt, ...	7	113·7	76·1	93·2	78·6
6	cu, cu-st, cr hz, nim,	6	cu, cr-cu, cr-hz,	5	cu, cr-cu, cr-hz, ...	4	cr-cu, cu, cr-hz,	5	fl ce, cu-st, cr-hz,	3	fl-cu, cu-st, cr-hz,	4	126·5	78·3	98·7	81·3
7	cu, cu-st, cr-hz, nim	[illegible]	cu, cr-cu, cr-st-hz,	[illegible]	cr-cu, cr, cr-hc,	[illegible]	cu, cr-cu, cr-hz, ..	4	cu, cr-cu, cr st, ..	6	cu, cr-cu, cr-st, ..	7	129·5	77·7	99·3	82·1
8	cu, cr-cu, cr-hc,	[illegible]	cr-cu, cr-st, ..	[illegible]	cr-cu, cr-st, ...	[illegible]	cr-cu, cr-st, hz,	2	sc-cc, ..	2	3 cu, cr-st, ...	5	136·1	75·9	99·1	81·4
9	cu, cu-st, cr-hz,	[illegible]	ny-ovt, (nim.	[illegible]	ovt, ...	[illegible]	ny-ovt, ...	7	ovt, ...	8	ovt, ...	8	126·0	76·9	96·5	83·0
30	do. nim, ...	[illegible]	cu, cu-st, cr-cu, cr-hz,	[illegible]	cu, cr-cu, cr-hz, ...	[illegible]	cu, cr-cu, cr-hz,	3	cu, cr-cu, hz, ...	6	cu, cr-cu, hz ...	6	124·0	77·1	93·6	81·8

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard ... around
- cld ... clouds or cloudy
- cr or cir ... cirri or cirro or cirrous
- cu ... cumuli or cumulo
- D ... Dew
- d ... dense
- dis ... distant
- dt ... detached
- E ... East
- fg ... fog
- fk ... forked
- fl ... flying
- fr ... frequent
- g ... ground
- hy ... heavy
- hl ... halo
- hor ... horizon
- hz ... haze or hazy
- ld ... loud
- lg ... lightning
- lt ... light
- mt ... meteor
- N ... North
- nim ... nimbi
- ny ... nearly
- ovd ... overhead
- ovt ... overcast
- pa ... peals
- pt ... part or partly or partial
- R ... Rain
- r-lw ... rain-low
- S ... South
- sc ... scattered
- sh ... sheet
- st ... stratus
- th ... thunder
- tk ... thick
- v ... very
- vv ... vivid
- W ... West

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REMARKS ON THE WEATHER FOR THE MONTH OF JULY 1854.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	cr-st, cr-hz,...	5	cu-st, cr-st, cr-hz, ...	4	cu, cu-st, cr-st, hz, ..	5	ny-ovt, lg-S, ..	8	cu, cu-st, cr-hz, nim, sh-lg NW.	7	... ...	..
2	... ...	..	... ...	..	... ...	..	... ...	..	... ...	..	ovt, ...	8
3	ovt, ...	8	ovt, ...	8	ovt, lg-SW...	8	ovt, lt-R, ...	8	ovt, ...	8	do. ...	8
4	do.	8	ny ovt, lg-S, ...	8	do. lg-E, S,...	8	do. do. ...	8	do. ...	8	do. ...	8
5	cu, nim, cr-hz, ...	6	hy cu, cu-st, cr st, cr,nim	7	do.	8	do.	8	do.	8	do. ...	5
6	cu, cr-hz, nim. ...	7	ovt, ...	8	oy-ovt, ...	7	do. R, ...	8	do. ...	8	cu, hz, ...	3
7	cu, cr-hz, nim, ...	7	cu, cr-cu, hz, ...	6	cu, cu-st, cr-st, ..	6	do do. ...	8	do, hy-R, ..	8	ny-ovt, ...	7
8	cu-hor, ...	2	cr-st, cu, hl-☽ ...	2	oy-ovt, ...	7	oy-ovt, ...	7	fl-cu, cu-st, lt R, ...	8	... ...	..
9	... ...	..	... ...	..	... ...	..	... ...	..	... ...	..	ovt, ...	8
10	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt.	8	ny ovt, ...	7	do, lt-R, ...	8
1	cu, cr-hz, nim, ..	7	cu, cu-st, d cr-hz,	7	cu, cu-st, d-hz, ...	6	ny-ovt, ...	7	do.	7	do.	8
2	cu, cu-st, cr-hz,	6	cr-cu, cu-st, nim. ..	7	cu, cu-st, cr-hz,...	4	cu, cr-st, cs-cu, d-hz, lg-N.	7	cu, cr, cr-hz, ...	5	do.	8
3	ovt, ...	8	ovt, ...	5	ovt.	8	ovt, ...	8	ovt, ...	8	do.	8
4	do, ...	8	cu, cu-st, nim, ...	8	do, R, sh-lg-E,	8	do, lt-R, ...	8	do, lt-R, ...	8	do.	8
5	do.	8	ovt, lt R, ..	8	do, lt-R, ...	8	do.	8	do.	8	... .	..
6	... ...	..	... ...	..	... ...	..	... ...	..	... ...	..	do.	8
7	cu, cr-hz, nim, ...	7	do. lt R, ...	8	do.	8	do.	8	do.	8	do.	8
8	ovt.	8	do.	8	ny-ovt, ...	7	ny-ovt, ...	7	ny-ovt, ...	7	do.	8
9	oy ovt, ...	7	do.	8	cu, cu-st, d-hz, ..	6	hy-cu, d-hz, ...	6	cu, d hz, nim, ..	6	cu, cr. cu. cr-hz, ...	4
20	cu, cr-hz, nim, ...	7	hy-cu, cu-st, cr-st, hz	7	fl-cu, hz, ...	3	fl-cu, hz	7	oy-clear,... ...	0	cu, cr-hz. ...	6
1	do. lt R, ...	6	cu, cu-st, cr-st, hz, ..	3	cu, hz, ...	2	cu cu-st, cr-hz, nim,	8	cu, hz, ...	2	cu, cr-hz, ...	2
2	ovt, ...	8	ovt, ...	8	oy ovt, ...	7	ny-ovt, ...	7	ovt, ...	8	... ...	..
3	... ...	..	... ...	..	... ...	..	... ...	..	... ...	..	oy-ovt, ...	7
4	do.	8	ny-ovt, lt-R, ..	7	do, lg-NE-hor, R,	7	cu, hz, nim, ...	[illegible]	cu, cr-hz, ...	4	ovt, ...	8
5	do.	8	ovt, lt R, ...	8	do.	7	cu, d-cr-hz, ...	7	ny-ovt, ...	7	ny-ovt, ...	7
6	do.	8	do.	8	do.	7	ovt, ...	[illegible]	ovt, ...	8	cu, d-hz, ...	4
7	cu, cr-hz, nim, ..	6	cu-st, cr-st, hz, ..	3	cr-st, hz, ...	2	ny-clear, ...	[illegible]	oy-clear, ...	0	ny-clear, ...	0
8	cu, cr-hz, cr-st,...	3	do.	3	do. lg-S-hor, ...	3	cu, cr-hz, ..	[illegible]	do.	0	do.	0
9	do.	6	cu, cu-st, hz, nim, ...	6	cu, cu-st, hz. ...	8	hy-cu, cu-st, hz, nim,	[illegible]	ny-ovt, ...	7	... ...	..
30	... .	..	... ...	..	.. ..	..	... .	..	... ...	..	cu, cr- cu. hz, ..	2
1	cu, cr-hz nim, ..	7	ovt, lg, th-W, hv R .	8	ovt R, lg, th, ...	7	ovt, sh-lg-W, ...	8	cu, cr-cu, cr hz, ..	4	cu, d-cr hz. ...	6

REMARKS ON THE WEATHER FOR THE MONTH OF AUGUST 1854.

Date.	NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	cu, cr-hz, nim, ...	7	cu, cu-st, cr-hz, nim,	7	cu, cu-st, d-hz, ..	6	ny-ovt, lt-R, ...	7	ovt, ...	8	ny-ovt, ...	7
2	d-cr-hz, cu, ...	7	ovt, R, ...	8	ovt, ...	8	ovt, ...	8	do.	8	ovt, ...	8
3	cy-ovt, lt R, ..	7	cu, cu-st, nim, R,	7	do, hy-R, ..	8	cu, cr-st, cr-hz, ...	4	cu, cu-st, cr-hz, ...	6	clear, ...	0
4	ovt, ...	8	ovt, R, ...	8	do, lt-R, ...	8	ny-ovt, ...	7	do.	6	do.	0
5	cu, hz, ...	2	cu, cu st, lt-hz, ...	3	cu, cr-cu, cu st, hz, ...	3	cu, cu-st, hz, ..	7	cu, cr-st, hz,... ...	6	.. ..	..
6	.. ..	..	... ...	..	... ...	..	... ...	..	... ...	..	fl-cu, ...	0
7	cu, cr-cu, cr hz, ..	2	cu, cu st, cr-cu, hz, th-SW.	3	cu, cu-st, cr-cu, ...	6	cu, cr-cu, cr-st, hl-☽	3	fl-cu, cu st, hz, ..	6	fl cu, cu-st, hz, ...	7
8	cu, cu-st, cr-st, cr-hz,	7	cu, cu st, cr-st, cr-hz,	5	cu, cr-hz, nim, ...	7	ovt, ...	8	cu, cr, cr-st, cr-hz.	6	cu, cr-cu, ...	5
9	cu, cr-hz, nim, ...	6	cu, cr-hz, nim, ..	7	cu, cr-st hz, ...	5	do, ...	8	ovt, sh-lg. R, th. ...	8	ovt, ...	8
10	ny-ovt, fr th & W, lt R,	8	ovt, lg SW, lt-R,	8	ovt, lg-S, R, ...	8	do, R, sh-lg-NW,	8	do. lt-R, sh-lg-N, S.	8	do, lt-R, ...	8
1	cu, cr-hz, nim, th-W,	4	ny-ovt, R.	7	do, lg-S, ...	8	do, ...	8	do.	8	do.	8
2	cu, cr-cu, cr hz, nim.	6	hy-cu cu-st, nim-SE, lg, th,	8	do.	8	do.	8	do.	8	... ...	..
3	... ...	..	... ...	..	... ...	..	... ...	..	... ...	..	cu, cr-st, hz, ...	7
4	cu, cr hz, nim, ..	8	cu, cr-st, hz. ...	3	cu, cr-st, hz, lg S,	3	cu, hz, lg-N, ...	5	cu, cr-cu, cr-hz,...	5	cu, cu-st, cr-st, hz,	4
5	cu, cr-cu, cr hz ..	3	hy-cu, cu st cr-st nim,	6	cu, cu-st, cr-hz, ...	6	do.	6	cu, cu-st, cr-hz, ...	5	cu, cu-st, cr-hz, ...	6
6	cu, cr st, cr-hz, ...	2	cu-st, cr-cu, cr-hz, ...	3	cu, cr-st, hz, sh-lg-S,	2	do. lg-SW, ...	4	ny-ovt, ...	7	do.	4
7	cu, cr-hz, cr-st, ..	3	cu-st, lt-cr-hz, ..	1	ny-clear, ...	0	cu, lg-SW, ...	1	cu, cr-st, cr-hz, ...	2	cu, cr-st. hz,... ...	3
8	cu, hz, ...	2	cu-st, cr-hz-hor, ..	1	lt-cr-hz, ...	0	cu. hz, ...	2	do.	3	cu, m-cu, cr hz, ..	3
9	oy-ovt, ...	8	ovt, ...	8	cu, d-cr-hz, ...	4	cu, cr-hz, ...	3	cu, cr-hz, ...	4	... ...	..
20	... ...	..	... ...	..	... ...	..	... ...	..	... ...	..	ny-clear,... ...	0
1	cu-hor, ...	2	cu, hz, ...	1	clear, ...	0	clear, ...	0	cr-st, cr-hz.	2	cu, cr st, cr-hz, sh lg-SW.	3
2	cr-cu, cr-st, ...	2	cu, cr-st, hz, ..	2	ny-clear sh lg-SW-hor	0	do. lg-SW, ...	0	cu, cr-st, cr-hz, sh-lg-S,	2	cu, cr-st, cr-hz, viv sh lg S.	3
3	cr-cu, cu, cr-hz, ..	3	cu, cu-st, cr-st, cr-cu, hz, lg-SW,	5	cu, hz, lg-W, ...	5	cu, cu-st, hz, lg-N.NW, SW-hor,	2	cr cu, cr, cr-hz, sh lg-NE,	2	cu, cr-hz, sh-lg-S, lt-R,	3
4	cu, cr-hz, nim, ...	4	cu, cu-st, cr-st, hz, ...	4	do. do, ...	3	cu, cr-st, lg-NW, ...	2	cu, cu-st, cr-hz, ...	3	cu, cu-st, cr-hz, ..	3
5	do.	3	cu, cu-st, cr hz, ...	3	do.	2	ny-clear, lg S hor,	0	cu, cr-st, hz, ...	3	cu, hz, ...	2
6	cu, cr-hz, cr st, ...	3	cu-hor, ...	1	ny-clear, lg-SW, ..	0	cu, lg-E hor, ...	1	cu, lg E-hor, ...	2	... ...	..
7	... .	..	... ...	..	.. ..	..	... ...	..	... ...	..	clear, ...	0
8	cu, cr-hz, nim, th-W,	3	cu, cu-st, cr st, hz, lg SW,	3	do, sh-lg-SW-hor,	0	cu, hz, lg SW, N, ...	1	cu, cr-cu, cr-hz, viv-sh-lg-S, N	2	cu, cr-cu, cr-hz, viv-sh-lg-S, N-	2
9	cu, cr-hz, ...	4	cr-cu, cr-st, hz, hl-☽	4	cr-cu, cr-st, hz, lg-W,	5	cu, cr-cu, cr-hz,...	5	cu, cr-st, cr-hz, ...	[illegible]	cu, cr-st, cr-hz, ...	3
30	oy-ovt, ...	7	ny-ovt, ...	7	cu, cr-st, hz, ..	3	cu, cu-st, cr-hz, th-SE,	3	cu, cu-st, cr-hz,...	[illegible]	clear, ...	0
1	cu, cu st, cr hz, ..	4	cu st, cr-st, hz,	3	ny-ovt, lt R, ...	7	cu, cu-st, cr-hz, ...	7	do, nim, sh-lg, ..	[illegible]	ny-ovt, fr-lg, ...	7

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

aud ... around
cl ... clouds or cloudy
cr or cir ... cirri or cirro or cirrous
cu ... cumuli or cumulo
D ... Dew
d ... dense
dis ... distant
de ... detached
E ... East
fg ... fog
fl ... flecked
fl ... flying
fr ... frequent
g ... ground
hy ... heavy
hl ... halo
hor ... horizon
hz ... haze or hazy
hd ... head
lg ... lightning
lt ... light
mt ... meteor
N ... North
nim ... nimbi
ny ... nearly
ovd ... overhead
ovt ... overcast
pk ... peals
pt ... part or partly or partial
R ... Rain
r-b ... rain bow
S ... South
sc ... scattered
sh ... sheet
st ... strata
th ... thunder
thk ... thick
v ... very
viv ... vivid
W ... West

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REMARKS ON THE WEATHER FOR THE MONTH OF JULY 1854.

Date.	13	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Thermometers. Radiations. Sol.	Ter.	Air. Max.	Min.
1	... .	..	.. ..	..	... ...	..	... ...	..	... ...	..	... .	..	ovt.	78·9	97·2	82·3
2	oy-ovt, ..	7	hy-cu,cu-st, cr-hz,	8	cu,cu-st,cr-cu,cr-hz,	7	ovt, ...	8	ovt, ...	8	ovt, ...	8	105·5	78·9	92·9	84·4
3	ovt, ...	8	cu, cr, cr-st, ...	8	cu,cu-st,cr-cu,cr-hz,	7	ny-ovt, ...	7	do.	8	do.	8	115·5	76·1	94·8	80·2
4	do. ...	8	ovt, ...	8	ny-ovt, ...	7	ovt, ...	8	cu, d-cr-hz, ...	6	cu, cr-cu, cr-hz,	6	120·5	76·3	100·5	80·7
5	do	8	cu, cr-cu, ..	7	cu, cr-cu, ...	6	cu, cr-cu, cr-hz, ..	4	sc-cu, hz	3	cu, cr-hz, ...	5	130·5	78·9	101·2	83·9
6	cr-st, cr-hz,	2	cr-st, cr-hz,	2	cu, cr-cu, cr-hz, ..	2	cr-cu, cr-st, hz,	1	sc-cu, ...	1	cu, hz, ...	3	134·5	76·1	99·5	81·6
7	ovt, ...	8	cu, cr, cr-hz, ..	3	cu, cr-cu, hz,...	3	sc-cu, cr-st, cr-hz,	3	cu, hz, ...	4	do.	3	130·5	77·1	96·2	81·0
8	... ...	..	... ...	.	... ...	...	... .	..	... ..	..	... ...	...	130·5	77·9	97·5	80·1
9	do.	8	ovt, ...	8	ovt, lt-R, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt.	77·2	90·6	80·7
10	do. ...	8	do. ..	8	do.	8	cu, cr-cu, cr-hz, ...	6	cu, cr-hz, ...	3	cu, cr hz, nim,	7	129·5	77·1	95·0	78·6
1	do.	8	cu,cu-st,cr-cu,cr-hz	6	cu, cu-st, cr-cu, cr-hz,	5	cu,cu-st,cr-cu,cr-hz,	6	cu, cr-hz,... ...	4	cu, cr-hz,... ...	5	123·5	77·2	97·9	80·0
2	ny-ovt, ...	7	ny-ovt, ...	7	ny-ovt, ...	7	cu,cr-cu,cr-st,d-cr-hz,	6	ovt, ...	8	ovt, ...	8	115·5	75·9	97·0	83·1
3	ovt, ...	8	ovt, ...	8	ovt.	8	ovt, ...	8	do.	8	do.	8	110·5	77·1	94·9	82·0
4	do. ...	8	do.	8	do.	8	do.	8	do, lt-R, ...	8	do, lt-R, ...	8	ovt.	75·9	86·6	80·6
5	... ...	..	... ...	.	... ...	...	... ...	..	... ...	..	... ...	..	98·7	77·4	88·1	77·8
6	do. ..	8	co, cr, cr-st, hz,	8	ny-ovt, lt-R, ...	7	co, cu-st, cr-hz,	6	cu, cr-hz, ...	6	cu, cr-hz, nim,	7	120·5	75·1	98·2	79·3
7	do.	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	ny-ovt, ...	7	115·5	76·9	96·6	82·2
8	do. ...	8	do. ...	8	do.	8	cu, cu-st, cr-hz,	6	cu, cr-hz. ...	4	cu, cr-hz, ...	7	116·3	76·9	99·1	82·8
9	ny-ovt, ...	7	oy-ovt, ...	7	ny-ovt, ...	7	cu,cr-cu,cr-st,cr-hz,	6	fl-cu, hz, ...	3	cu, hz, ...	6	123·5	76·2	100·7	82·8
20	cu, cr-st, cr-hz,	3	cr-cu, cr, ...	4	cu, cr-cu, cr-hz, ...	1	cu, cr-st, hz. ...	1	cu, cr-st, hz, ...	2	cu, cr-hz, oim,	6	129·5	76·9	100·7	84·3
1	cu, cr-st, hz, ...	2	ny-ovt, ...	7	do. ...	6	cu, cr-cu, cr-hz,	7	cu, cr-hz,... ...	8	ovt, ...	8	120·5	75·6	98·4	82·1
2	... ...	..	... ...	...	... .	...	... ...	...	... ...	...	... ...	..	117·0	77·1	95·9	81·9
3	cu, cr-hz, ...	5	cu, cr-cu, cr-hz,	4	do. ...	3	do. ...	4	fl-cu, cu-st, hz, ...	6	ny-ovt, ...	7	128·2	75·3	98·0	79·8
4	ovt,... ...	8	ovt,... ...	8	ovt, ...	8	ovt, ...	8	ny-ovt, ...	7	ovt, ...	8	108·2	77·9	97·8	83·2
5	do.	8	do.	8	do.	8	ny-ovt, ...	7	cu, cr-hz,... ...	7	do.	8	114·5	78·1	98·1	85·3
6	ny-ovt, ...	7	ny-ovt, ...	7	co, cr-cu, cr-st, hz,	6	cu, cr-cu, cr-st, hz,	5	cu, cr-cu, cr-st, hz,	5	co, cr-st, cr-hz,	6	122·5	78·2	102·8	85·2
7	ny-clear, ...	0	cr-cu, cr, ...	3	cu, cr-cu, cr-st, ..	2	cr-cu, cr-st, hz, ...	1	cu, hz, ...	2	cu, hz, ...	2	129·5	76·9	100·9	81·0
8	cu, cr-st, cr-hz,	2	cr-st, cr-hz, cr,	3	cr-cu, cr-st, ...	2	cr-cu, cr-st, ...	2	cr-st, hz, ...	1	cu, cr-hz, cr-st,	6	129·0	75·8	100·3	82·9
9	... ...	...	... .	..	... ...	..	... ...	...	... ...	...	... ...	.	129·4	76·4	104·4	82·1
30	cu, cr-cu, cr-hz,	8	cu, cr-cu, cr-hz,	6	ny-ovt, ...	7	ny-ovt, ...	7	ovt, ...	8	ovt, ...	8	115·5	75·9	100·4	83·1
1	cu, d-cr-hz, ..	5	cu, cr, cr-hz, .	5	cu, cr-cu, hz, ..	5	cr, d-cr-hz, ...	6	cu, cr-hz,... ...	8	cr-cu, cr-hz, ...	7	113·0	75·4	98·4	82·1

REMARKS ON THE WEATHER FOR THE MONTH OF AUGUST 1854.

Date.	13	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Sol.	Ter.	Max.	Min.
1	cu, cu-st, cr-hz,	5	cu, cr-cu, cr-hz,	5	co, cr-cu, cr-hz, ...	6	cu, d-hz, ...	6	cu, cr-hz, ...	8	cu, cr-hz, ...	7	121·5	76·7	100·6	83·6
2	ny-ovt, ...	7	cu, cr-cu, hz, ...	7	cu, d-hz, ...	5	fl-cu, cu-st, ...	6	do.	5	ny-ovt, ...	7	123·2	76·3	101·4	83·8
3	cu, cr-cu, cr-hz,	3	cr-st, cr-hz, cu,	3	cr-st, cr-hz, co, ...	3	cr, cr-hz, cr-st, ...	4	do.	5	cu, cr-hz, ...	7	122·5	75·9	100·8	82·2
4	oy-clear, ..	0	cr-cu, cr-hz, ...	3	cr-cu, cr-hz, ...	3	cr, cr-hz, ...	1	cu, hz,... ...	3	co, hz, ...	3	129·0	76·9	99·0	81·2
5	... ...	..	.. ...	.	... .	..	... ...	...	... ...	...	... ...	..	129·8	76·4	98·1	80·1
6	cu, cr-hz, nim,...	7	cu, cr-cu, hz, .	6	cr-cu, cr, ...	3	fl-cu, cu-st, ...	4	do.	6	do.	2	131·5	75·9	98·0	79·7
7	ny-ovt, lt-R,	7	ovt, lt-R, ..	8	ovt, ...	8	cu, cr-cu. cr-st, ...	6	cu-st, cr-st, hz, .	3	fl-cu, cu-st, hz, ...	5	130·1	75·7	97·8	81·0
8	cu, cr-cu, cr-hz,	6	cu, cr-cu, d-cr-hz,	6	cu, cr-cu, d-cr-hz,	5	cu, cr-cu, d-cr-hz,	5	cr, cr-hz, cr-st,	3	cu cr-st, cr-hz,	3	129·5	76·4	99·1	81·6
9	ovt, ...	8	cu, cr, hz, ...	7	cu, cr-cu, cr-hz, ..	7	cu, cr-cu, cr-hz, ...	6	cu, cr-cu, cr-hz, ...	5	cu, cr-hz, nim, ...	7	130·3	75·9	97·0	77·9
10	do. ...	8	ovt, ...	8	fl-cu, cu-st, cr-hz,	7	cu, cu-st, cr-st,	4	do.	5	fl-cu, cr-st, cr-hz,	4	127·5	77·4	94·5	77·0
1	do.	8	do.	8	cu, cr-cu, cr-hz, ...	6	cr-cu, cr-st, cu, ...	6	cr-cu, cr-hz, ..	4	cr cu, cr-hz, ...	2	123·5	76·7	95·1	78·1
2	... ...	...	... ..	..	... ...	..	... ...	...	... ...	..	... ...	...	120·3	75·1	95·7	81·0
3	do.	8	cu, cr-cu, cr-hz,	7	cr-cu, d-cr-hz, ...	7	cr cu, d-cr-hz, ...	6	co, hz, ...	6	co, hz, ...	5	125·5	74·9	96·2	78·8
4	cu, cr-cu, cr-hz.	4	cu, cr-cu, cr-st,...	5	cu, cr-cu, cr-st,	4	cu, cr, cr-hz, ...	4	cu, cu-st, hz, ...	4	cu, cu-st, nim,	5	131·5	75·4	96·2	80·1
5	cu-hor, ...	2	cu, cr-cu, cr-hz,	4	cu, cr, cr-hz, ...	3	do.	3	sc-cu, hz,... ..	2	co, hz, ...	2	135·5	75·2	94·1	81·2
6	cu, hz, ...	2	cu, cr-cu, hz, ...	7	fl-cu, hz, ...	6	cr, cr-st, d-cr-hz,	5	cr-hz, cr-st, cu,	4	cu, cr-hz, nim,	5	140·5	76·4	96·7	80·1
7	ny-clear, ...	0	cu, cr-cu, ...	4	lt-hz, ...	1	cu, cr, ...	2	cu, cr-hz, nim, ...	6	hy-cu,cu-st,nim,th-W,	5	138·5	74·2	96·6	79·3
8	cu, cr, hz, ...	3	cr-st, cr-hz, ...	5	cr-st, cr-hz, ...	6	d-cr-hz, cu, ...	3	d-cr-hz, cu, ...	6	cu, d-cr-hz, cr-cu,	7	139·5	75·4	94·4	79·6
9	... .	...	... ...	..	... .	..	... ...	..	... .	...	... ...	..	133·7	75·2	95·0	80·0
20	clear, D, ...	0	cr-cu, cr-st, D, ..	2	cu-hor, ...	2	cu, cu-st, hz, ...	3	cu, hz, ...	3	co, hz, ...	3	140·5	74·4	95·3	80·6
1	fl-cu,cu-st,cr-hz,	6	ny-ovt, fr-th,	7	ovt, fr-th,... ...	8	ovt, ...	8	do.	3	cu, cr hz, cr-st, ...	2	124·5	76·9	94·1	80·9
2	ovt, sh-lg-S, ...	8	fl-cu, cu-st, th-S,	6	ny-ovt, ...	7	ny-ovt, ...	7	cu, cr-hz, ...	5	cu, cr-hz, ..	4	137·5	77·3	93·9	81·8
3	cu, cu-st, cr-hz,	5	cr, cr-st, hz, ...	4	d-cr-hz, ...	6	d-cr-hz, ...	6	do, nim, ...	5	do, nim, ...	6	139·5	74·1	95·0	79·7
4	cr, cr-hz, cu, ..	3	cu, cr-st, cr-hz,	5	cr, cr-hz, cr-st,	3	cr, cr-hz, cr-st,	2	cn, hz, ...	4	cu,cr-hz,nim,dis-th,	4	141·5	74·9	96·3	79·8
5	fl-cu, cr-hz nim, sh-lg NW,	3	cu, cu st, cr-hz,	4	ny-ovt, ...	7	cu, d-cr-hz, ...	5	cu, cu-st, cr-hz, ...	4	cu-hor, ...	2	139·5	74·9	94·1	80·9
6	...	...	... ...	...	... ...	..	... ...	...	... ...	...	... ...	..	140·0	74·9	95·8	79·7
7	clear, ...	0	cu, cr-st, cr-hz,	2	cr, cr-hz, cr-st, ..	3	cr-cu, cr-st, ...	3	cr-st, cu, ...	3	cu, cr-hz, nim, ..	4	137·0	75·9	96·8	81·8
8	cr, cr-hz, ...	2	cu, cr, cr-hz, ..	6	cu, cr-cu, hz, ...	6	cu, cr-cu, hz, ...	6	cu, cr-hz, ..	7	do. ...	7	130·5	74·4	95·9	80·6
9	ovt,hy-R,th,lg,	8	ny-ovt, ...	7	ny ovt, ...	7	ny-ovt, ...	7	ny-ovt, ...	7	ny-ovt, ...	7	115·5	76·1	90·0	80·0
30	cu, hz, ...	3	fl-cu, nim, ...	6	cu, cr, cr-cu, hz,	6	d-cr-hz, st, ...	6	cr-cu, cr, cr-hz,	5	cu, cr-cu, cr-hz,	3	135·5	74·8	95·4	78·2
1	ny-ovt, ..	7	ny-ovt, ..	7	ny-ovt, ...	7	cr-cu, cr-hz, ...	6	hy-cu, cu-st. ..	6	hy-cu, cu-st, ...	5	136·3	75·0	95·2	81·3

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- acd ......around
- cld ......clouds or cloudy
- cr or cir...cirri or cirro or cirrous
- cu ... ...cumuli or cumulo
- D... ... ...Dew
- d... ... ...dense
- dis ... .distant
- dt... ... ...detached
- E... ... ...East
- fg... ... ...fog
- fk ... ...forked
- fl ....flying
- fr ... ...frequent
- g ....general
- hy.........heavy
- hl ... ...halo
- hor ... .horizon
- hz... ... ...haze or hazy
- ld... ... ...loud
- lg ....lightning
- lt.........light
- mt... ... ...meteor
- N ....North
- nim.........nimbi
- ny ... ...nearly
- ovd... ......overhead
- ovt... ......overcast
- pd... ... ...peals
- pt ... ...part or partly or partial
- R ....Rain
- r b ... .rain bow
- s ....South
- sc ....scattered
- sh ... ...sheet
- st.........stratus
- th ....thunder
- thi ... ...thick
- v ....very
- viv ... ...vivid
- W.........West

REMARKS ON THE WEATHER FOR THE MONTH OF SEPTEMBER 1854.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	hy-cu, cu-st, ...	4	hy-cu, cu-st,... ...	5	hy-cu, cu-st,... ...	6	cu, cr, cr-st, hs, lg-N, NE.	6	ovt, ...	8	ovt, sh-lg NE, ..	8
2	cu, cr, cr-hr, ...	6	ny-ovt, ...	7	cr-cu, cr-st, hz, ...	3	cu, cr-cu, d-hz, lg N,	7	ny-ovt, sh-lg-N, th-NE,	8	... ...	...
3	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz, ...	3
4	cr-cu, d-cr-hz, ...	6	cr-cu, cu st, cr-hz,	3	cr cu, cr-hr, ...	3	cu, cr-cu, d-hs, lg SW,	7	cu, cr-hz, nim, sh lg-NW.	8	ovt, R, th, lg, ...	8
5	ovt, ...	8	ovt, ...	8	ny-ovt, ...	[illegible]	ovt, ...	8	ovt, ...	8	do....	8
6	do, hy-R, fr-th, sh-lg,	8	do, R, lg, ...	8	ovt, ...	8	do.	8	do.	8	do, lt R, ...	8
7	do....	8	do, R, ...	8	do, lt-R, ...	8	do, sh-lg-SE, ...	8	do.	8	do....	8
8	cu, cu-st, cr, cr-hs,	5	cu, cu-st, cr-cu, hr,	7	cu, cu-st, nim, R,	8	do, sh-lg, th, R,	8	do, R,... ...	8	do, lt-R, ...	8
9	cu, cr, cr-st, hr, ...	8	cu, cr, cr-st,... ...	8	ovt, ...	8	ovt, ...	8	do....	8	... ...	...
10	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-cu, cr-st, cr-hr	6
1	cr-cu, d-hs, ...	6	ovt, lt R, ...	8	cu-st, d-cr-hr, ...	7	cu, cr-hs, cr-st, ...	6	cu, cr-hz, ...	8	cu, cr-hs, ...	7
2	cu, d-hs, ...	4	cu, hs, ...	2	ny clear,... ...	0	cu-st, cr-hr, ...	1	clear, ...	0	clear, ...	0
3	cr-cu, hr, ...	4	cu-hor, ...	2	do....	0	ny-clear, ...	0	cu-hor, ...	1	cu, cr-cu, hz,... ...	4
4	cu, d-hs,... ...	6	cu, d-hz,... ...	6	cu, cr-hs, ...	3	cr-st, cr hs, cr-cu, lg NW,	5	cu, cr-hz, ...	4	cu, cr, cr-hs, cr-st,	4
5	hy-cu, nim, fr-th, ..	6	hy-cu, nim, th, lg, ...	8	ovt, ...	8	ovt, sh-lg-NW, ...	8	do, nim, ...	5	ovt, lt-R, lg, th-E, ...	8
6	ny-ovt, ...	7	ovt, th, lg, ...	8	cu, hz, lg-S, ..	6	cu, cr-hz, nim, sh-lg-NW.	6	cu, cr-hz, ...	5	.. ..	...
7	... ...	...	.. ..	...	... .	...	... .	...	... ...	...	cu, cr-st, cr-hz, ...	3
8	cu, cr, cr-hs, st,...	6	lt-cu, cr-st, d-hr,	5	fl-cu, hr, sh-lg-SW,	3	cu, hr, lg-SW, ...	3	cu-hor, sh-lg-S, ...	2	cu-hor, sh-lg-S, ...	2
9	fl cu, cu-st, cr-hs, ...	4	cr-st, cr-ht, ...	4	cr-hz, sh-lg-W, SW,	1	cr-st, hs, lg-SW, ...	2	clear....	0	cu-hor, sh-lg-SE, ...	1
20	cr, cr-hz, ..	3	hy-cu, cr-st, hz, ...	3	cu, cr-st, hz, lg-SW,	2	cu, cr st, hz, ...	5	cu, cr-hs, cu-st, ...	8	cu, cr, cr-st, ...	6
1	cu, cr, ur-hs, . .	3	ny-clear, ...	0	cr-st, cr-hs, ...	2	cu, cr-st, cr-hr, ...	6	ovt, ...	8	ny ovt, fr-sh-lg-NW,	7
2	fl-cu, cu-st, nim-lt-R,	6	cu, cu-st, cr, cr-st, hz,	4	cr-cu, cu-st, ...	3	ny-ovt, ...	7	do.	8	ny- ovt, ...	7
3	cu, cr-cu, cr-hs, ...	7	cu, cr st, hr,... ...	5	ny ovt, ...	1	ovt, ...	8	do....	8	... ...	...
4	... ...	...	... .	...	... ...	...	... ...	...	... ...	...	cr-cu, cr-st, hs, ...	2
5	cu, cr, cr-hr.... ...	6	cr-st, hr, hl ☽ ...	2	cu, cr-cu, cr hs, ...	4	ny-ovt, ...	4	cu, cr-hr, ...	7	cu, cr-cu, cr-hs, lg NE,	5
6	cu, cr, d cr-hr, ...	6	cu, cr-st, hr, ...	2	lt-cu, cr-st, ...	2	cu, cr- hs, ...	2	cu, cr-hs, nim, ...	7	cu, cr-cu, cr-hz, ..	5
7	cr, cr-hs, cu,... ...	4	cr, cr-st, ...	1	cr-st, hs, ...	1	cr-st, hr, ...	1	do....	8	cu, cr-hr, nim, ...	6
8	cu, cr, hr, th-NW,	3	cu, cr-st, lg-SW,	1	cu, cu-st, cr-cu, hs,	6	cu-hor, ...	6	cu, hz, sh-lg-SW,	2	cu, cu-st, cr-hs, nim,	5
9	cu-hor, dis-th-W, ...	4	ovt, hy-R, lg, th-W,	8	cu, cu-st, hs, lg-SW,	6	cu, cr-hs, sh-lg-S, ...	6	ovt, sh-lg-S, R, ...	2	ny-ovt, sh-lg-SW, ..	7

REMARKS ON THE WEATHER FOR THE MONTH OF OCTOBER 1854.

Date.	NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
Sept. 30	cu, cu-st, cr-hr, ...	6	cu, cr-st, cr-hz, lg-W,	5	cr-cu, cu, cr-st, hz, lg-N,	5	cu, cu-st, hz, lg-NW,	5	ovt, ny-R, sh-lg-W, N,	8	. .. ...	...
1	... .	...	... .	...	... ...	...	... .	...	... .	...	cu, nim, ...	4
2	cu, cr-cu, hz, ...	3	cu, cr-cu, cr-st, hz, lg-W	3	cu, cr-cu, cr-hz, cr-st, hl ☽	4	cu, cr-cu, cu-st, hz, lg-NW, hl-☽	6	cu, cr, cr-hz, ...	4	cu, hr, ...	3
3	cu, cr-hs,... ...	7	cu, cr-hz, ...	8	cu, cu-st, d-cr-hz, hl-☽	7	cz, cu-st, hz, lg-W,...	4	fl-cu, cu-st, sh-lg, ...	3	cu, cu-st, nim, sh-lg,	7
4	cu, cr-hr, cr-st, .	7	cu, cr-cu, hz, lg-W.	8	ny-ovt, lg-S-hor, ..	7	ny-ovt, ...	7	cu, cr-cu, cr-hr, ..	5	cu, cr-cu, cr-hz, ...	4
5	cu, cr-hs, ...	5	cu, cr-st, hs, lg-W,...	2	cu, cu-st, cr-st, hz, lg, th W	3	cz, hz, lg-N, ...	3	ny-clear, ...	0	cu, hz, ...	1
6	do.	7	cu, cr-st, hz, hl-☽,	4	lt-cu, cr-st, hz, ...	3	cr-st, hz,.. ...	4	cu, cr, cr-hz, . .	3	ct, cr hz, ...	3
7	cu, cr, cr-st, ...	3	cu, cr, cr-st, ...	1	cr-st hz, ...	1	cu, cr-st, hz,... ..	3	cu, cr, cr-hz,... ..	3	... ...	...
8	... ...	...	... ...	...	... .	...	... ...	...	... ...	...	cu, hr, ...	2
9	cu, hr.	2	fl-cu, hz, lg-WNW,...	3	cu, cr-st, hz, lg-NW,	3	cu, cu-st, hz, ...	4	cr, cr-hz, cu,... ...	2	cu, cr-cu, ...	0
10	cu, cu-st, cr-hz, ...	4	cu, cu-st, hr, lg-W.	3	cz, hz, ...	1	cr-cu, cr-hz, ..	3	cu hor, ...	1	cu-hor, ...	1
1	cu, cr-ht, ...	3	cu, cr-hz-hor, lg-SW,	1	cu, cr-hz, lg-WNW,	1	cu-hor, lg-N-hor, ..	1	sc-cu, hz, ...	1	sc-cu, hz, . .	2
2	cr-st, hz, ...	4	clear, lg-N, ...	0	clear, lg-W.... ...	0	clear, lg-N, W, S-hor,	0	cr-cz, cr-hz, ...	0	cu, cr, cr-hs,.. ...	3
3	cu, cu-st, cr-hs,...	3	cu, cu-st, cr-hz, lg-NW,	2	cu-st, lg-NW, ...	2	fl-cu, hz, ...	4	cz, cu-st, hr,... ...	4	sc-cu, ...	2
4	cu, cr-st, cr-hr, ..	2	fl-cu, hr, lg-SW-hor,	2	fl-cu, hz, lg-SW-hor,	2	do, lg-NW, ..	4	fl-cu, nim, lg-NW,	8	... ...	...
5	... ...	...	... ...	...	... .	...	... .	...	... ...	...	ny-clear, ...	1
6	cu, cu-st, hz, ...	2	cu, hr, lg-NW, ...	2	cu, hz, ...	3	hy-cu, cu-st, cr-hz, nim, lg W	8	ovt, lt-R, ...	8	ny-ovt, ...	7
7	ovt, ...	8	cu, d-hz, lg-W,	6	cz, d-hz, ...	4	cu, d-hz, ...	4	cu, d-hz, sh-lg-S, ...	4	cu, hr, ...	2
8	do, ...	8	fl cu, cr-st, d-hz, lg-W,	6	cu, hz, ...	4	cu, cu-st, cr-cu, lg-NW,	6	cu, cu-st, cr-hz, ...	3	ny-ovt, ...	7
9	do.	8	fl-cu, hr, ...	6	cu, cr-hz, sh-lg-S, ...	3	cu, cu-st, hz, sh-lg-N,	5	ny-clear, ...	0	clear,...	0
20	do.	8	ovt, ...	8	fl-cu, d-hz, lg-E,...	5	hy-cu, d-hs, lg-N, . .	6	ovt, R, ...	8	ovt, lt-R, lg, ...	8
1	fl-cu, cu-st, nim,...	8	ny-ovt, ...	7	cvt, ...	8	ovt, R, ...	8	do.	8	... ...	...
2	... ...	...	.. ..	...	... .	...	... .	...	... .	...	ny-ovt,... ...	7
3	ovt, ...	8	cr-st, cr-hz, ...	3	cr-hz,...	1	cr, d-hz, ...	1	ny-clear, ...	0	ny-clear, ...	0
4	cu, cr-hz, cr-st, ...	2	cr-hz, ...	2	cr, cr-st, hz, lg-E,	2	cr, cr-st, hr, lg-E,	2	do.	0	cr-hz, cu, ...	2
5	do.	3	hy-cu, nim, lt-R, .	7	cu, cu-st, nim, R, ...	6	ovt, R, ...	8	ovt, ...	8	ovt, ...	8
6	cu, cr-hz,... ...	3	fl-cu, hz-hor, ...	1	fl-cu, ...	1	ny-ovt, R, ...	7	ny-ovt, R, ...	7	cu, nim, hy-R, ...	6
7	cu, cr-hz, cr-st, . .	8	fl-cu, cu-st, cr-st, ...	5	fl-cu, cr-st, hz,... ...	5	do.	7	ovt, ...	8	ovt, R, ...	8
8	ovt, ...	8	d-cr-hz, cu, ...	7	d-cr-hz, cu, ...	6	fl-cu, nim, lt-R ...	7	do.	8	... ...	...
9	... .	...	... .	...	... .. .	...	... ...	...	... .	...	do.	8
30	d-cr-hz, cr-st, ...	7	cu, cu-st, cr-hz,...	5	cu, cu-st, cr-hz,...	5	cu, cu st, cr-hz, ...	6	cu, cu-st, nim, ...	6	clear, ...	0
1	cu, cr-hz, ...	3	cu, cr, cr-hz.. ..	2	ovt, R, ..	8	cu, cr-cu, hz, ..	5	cu, cr-hz.	6	cu, cc-hz, ...	7

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard around; cld clouds or cloudy; cr or cir cirri or cirro or cirrous; cu cumuli or cumulo; D Dew; d dense; dis distant; dt detached; E East; fg fog; fk forked; fl flying; fr frequent; g ground; hy heavy; hl halo; hor horizon; hz haze or hazy; ld loud; lg lightning; lt light; mt meteor; N North; nim nimbi; ny nearly; ovd overhead; ovt overcast; pa peals; pt part or partly or partial; R Rain; r-b rain-bow; S South; sc scattered; sh sheet; st stratus; th thunder; thi thick; v very; viv vivid; W West.

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REMARKS ON THE WEATHER FOR THE MONTH OF SEPTEMBER 1854.

Date.	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Thermometers. Radiations. Sol.	Ter.	Air. Max.	Min.
1	cu, cr-hz, lg-NE,	5	cr-cu, cr-hz,	5	cr-cu, cr-hz,	6	cr-cu, cr-hz,	5	fl-cu, cu-st, cr-hz,	5	cu, cr, cr-hv,	6	125·3	77·9	95·9	82·0
2	...	...	...	...	...	...	...	...	...	...	...	...	123·7	75·9	93·9	82·1
3	cu, cr-hz,	2	cu, cr-cu, cr-hz,	6	cu, cr-cu, cr-hz,	5	d-cr, cr-hz,	6	d-cr, cr-hz,	6	cr-cu, d-cr-hz,	5	130·0	74·9	94·7	81·0
4	ovr, lt-R, sh-lg,	8	cu, cu-st, cr-hz, nim,	7	ovt,	8	ovt,	8	ovt,	8	ovt,	8	111·8	75·3	90·1	76·2
5	ny-ovt,	7	ny-ovt,	7	cu, cr-cu, cr-hz,	5	cu, cr-cu, cr-hz,	5	cu, cu-st, cr-hz,	5	cu, cu-st, cr-hz,	6	128·5	76·9	94·5	81·5
6	ovt, lt-R,	8	ovt,	8	ovt,	8	ovt,	8	ovt,	8	ovt,	8	ovt.	74·2	88·7	78·0
7	do.	8	do.	8	do.	8	do.	8	do.	8	cu, cu-st, cr, cr-hz,	6	116·5	74·3	81·5	77·8
8	do. lt-R,	8	do. lt-R,	8	do. lt-R,	8	do.	8	do.	8	ovt,	8	ovt.	74·3	86·0	77·0
9	...	...	...	...	...	...	...	...	...	...	...	...	119·5	75·9	91·5	76·8
10	ny-ovt,	7	cr-cu, cr-hz, cr-st,	6	cu cr-cu, d-cr-hz,	6	cu, cr-cu, d-cr-hz,	7	cu, cr-cu, d-cr-hz,	7	cr-cu, d-hz,	6	115·3	76·9	92·6	76·6
1	do.	7	cu, cr-cu, cr-hz,	5	cu, cr-cu, cr-hz,	5	cr-cu, cr-st, cr-hz,	4	cu, cr-cu, d-hz,	6	cu, cr-cu, d-hz,	6	122·5	76·9	94·9	79·4
2	clear,	0	cr-cu, cr-st, hv,	2	cu, cr-hz,	2	cu, cr-hz,	2	ny-clear,	0	sc-cu, st,	2	121·0	75·3	95·2	79·6
3	cu, cr, cr-hz,	2	cr-cu, cr-st, cr-hz,	3	cr-cu, cr-st, cr-hz,	4	cr-cu, cr-st, cr-hz,	5	cu, d-hz,	6	cu, d-hz,	6	116·5	74·2	94·7	80·8
4	cu, cr-cu, cr-st, hz,	4	cr-cu, cr-hz,	4	cr-cu, cr-hz,	4	cr-cu, cr-hz,	8	cr-hz, cr-st,	4	cr-cu, cr-st,	8	126·0	74·8	94·6	80·2
5	ovt, lg-SE,	8	ovt, lt-R,	8	ovt,	8	ovt,	8	ovt,	8	ny-ovt,	7	105·5	73·6	89·0	77·5
6	...	...	...	...	...	...	...	...	...	...	...	...	141·5	72·9	93·0	77·7
7	cu cr-st, cr-hz,	5	cu, cr-cu, cr-st, hz,	5	cu, cr-cu, cr-st, hz,	5	cu, cu-st, cr-hz,	4	fl-cu, cu-st,	6	cu, cr, cr-hz, st,	5	138·5	74·9	93·3	80·2
8	cu, cr-hv-hor,	2	cr-st, cr-hz,	3	cu, cr-st, cr-hz,	2	cr-cu, cr-st, hz,	2	cr-cu, cr-st, hz,	3	fl-cu, hz,	4	142·0	74·2	94·1	79·2
9	cu, cr, cr-hz,	2	cu, cr, cr-hz,	4	cr-cu, cu, hz,	3	cr-cu, cu, hz,	3	fl-cu, cu-st,	4	fl cu, cu-st,	5	141·5	75·1	95·4	78·9
20	cu, cu-st, cr-hz,	8	cr, cr-st, hz,	4	cr-st, hz,	2	fl-cu, hz,	4	fl-cu, cu-st, hz,	6	cu, cr-st, hz,	3	141·0	73·9	95·5	80·1
1	ovt,	8	ovt,	8	ny-ovt,	7	cu, cr-cu, cr-st, hz,	6	cr, cr-hz, cu,	6	cr, cr-hz, cu,	6	134·0	75·0	95·2	80·5
2	do.	8	cu, cr-cu, cr-hz,	6	cu, cu-st, cr-hz,	7	ovt,	8	ovt,	8	ovt,	6	116·0	74·8	92·5	81·5
3	...	...	...	...	...	...	...	...	...	...	...	...	127·5	72·4	96·2	79·9
4	cu, cr-st, cr-hz,	2	cr-cu, cr-st, cr-hz,	3	cr-cu, cr-st, cr-hz,	3	cr-cu, cr-st, cr-hz,	4	cu, cr, cr-hz,	5	cu, cr, cr-hz,	4	125·3	72·3	95·3	81·2
5	cu, cu-st, cr-hz,	6	cu, cr-cu, cr-hz,	4	cu, cr-cu, cr-hz,	6	cr-cu, cr-st, d-cr-hz,	6	cr-cu, cr-st, d-cr-hz,	0	cu, cr, d-cr-hz,	6	126·5	74·9	95·9	81·7
6	cr-cu, cr-hz,	2	cr-st, cr-hz,	1	cr-cu, cr-st, hz,	2	cu, cr-hz,	2	sc-cu,	2	cu, cu-st, cr-hz,	3	141·5	75·6	98·2	81·3
7	cu, cu-st, cr-hz,	6	cu, cr-cu, cr-hz,	6	cu, cr-cu, cr-hz,	4	cu, cu-st, cr-hz,	4	fl-cu, cu-st,	6	cu, cu-st, nim, fr-th-NW,	5	127·7	76·8	93·6	81·9
8	cu, cu-st, cr-cu, cr-hz.	4	cr-st, hz,	3	cu, cr-cu, cr-hz,	5	cu, cr-cu, cr-hz,	3	sc-cu,	4	sc-cu,	4	141·0	74·8	94·5	81·3
9	cu, cu-st, cr-hz, sh-lg-NW	8	cr-cu, cr-st, cr-hz,	4	cu, cr-cu, cr-st, hz,	4	cu, cr-cu, cr-st, hz,	4	cu, cu-st, cr-hz,	4	cu, cu-st, cr-hz, th-W hor	4	145·0	73·7	92·3	78·0

REMARKS ON THE WEATHER FOR THE MONTH OF OCTOBER 1854.

Date.	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Sol.	Ter.	Max.	Min.
Sep. 30	...	...	...	...	...	...	...	...	...	...	...	...	124·5	72·9	91·0	77·0
1	cu, nim,	2	cu, cr, cr-hz,	2	cu, cr, cr-hv,	4	cu, cr-cu, cr-st, cr-hv,	4	cu, cr-cu, cr-st, cr-hz,	4	cu, cu-st, cr-hz,	2	127·0	72·1	82·1	77·2
2	cu, hz,	3	cu, cr-hz,	4	cr-cu, cr-st, cr-hz,	4	cr-cu, cr-st, cr-hz,	5	cr-cu cr-st, cr-hz,	5	cu, cr-hz,	6	131·5	73·9	94·6	80·1
3	cu, cr-hz,	0	ovt, lt-R,	8	ovt,	8	ny-ovt,	7	ovt, lt-R,	8	ovt,	8	135·7	75·1	89·5	77·3
4	cu, hz,	2	cu, cr-cu, hz,	6	cu, cr-cu, hz,	5	cu, cr-cu, cr-st, cr-hz,	4	cu, cu st, cr-hz,	7	cu, cu-st, nim,	7	138·5	74·6	93·1	77·7
5	cr-hz, cr-st,	3	cu, cr, cr-hz,	5	cr-st, cr-cu, d-hz,	5	cr-st, cr-cu, d-hv,	5	cr-st, cr-cu, d-hz,	5	cu, cr-hz,	6	140·5	74·4	81·9	79·0
6	cr, cr hz,	2	cr-cu, hr,	4	cu, cu-st, cr-st, cr-hz,	5	cu, cu-st, cr-st, cr-hz,	4	cu, cu-st, cr-st, cr-hz,	4	cu, cu-st, cr-hz, nim,	3	140·5	70·9	91·5	77·3
7	...	...	...	...	...	...	...	...	...	...	...	...	113·5	71·9	93·8	77·5
8	cu, hz,	2	ny-clear,	0	clear,	0	sc cu,	3	sc-cu, cu-st, cr-hz,	4	cu, cu-st,	3	135·5	72·9	93·0	79·4
9	cr cu, cr-hz,	7	cr-cu, cr-hz,	6	cu, cr-cu, cr-hz,	5	cu, cr-cu, cr hz,	1	cu, cu-st, cr-hz, nim, S,	6	cu, cu-st, cr-hz,	6	136·7	74·9	92·0	80·2
10	cu, hz,	5	clear,	0	cr cu, hz,	3	cu, cu-st, cr-hz,	4	cu, cu st, cr-hz,	4	cu, cu-st, nim,	3	134·5	73·9	92·8	77·3
1	fl cu, hz,	3	cu, cr-hz, cr-st,	2	cu, cr, cr-hz,	3	do.	4	do.	3	cu, cu-st, cr-hz,	3	121·5	73·9	81·7	79·5
2	cu, cr, cr-hz,	2	cu, cr-hz,	2	cu, cu-st, cr-hz, nim, lt-R,	4	do.	3	do.	3	do.	3	120·3	72·9	89·7	80·1
3	cu, hz,	3	cu, cr, cr-hz,	2	do.	5	do.	4	do.	3	cu, cr-hz, cr-st,	3	128·5	70·9	90·6	78·6
4	...	...	...	...	...	...	...	...	...	...	...	...	121·0	72·9	89·8	78·7
5	cu-hor,	1	cu, cr, cr-hz, nim,	4	do.	6	do., nim,	0	do. nim,	5	do,	3	130·5	71·1	89·3	78·4
6	ny-ovt,	7	cu, cr, cr-hz, st,	5	cu, cu-st, cr-hz, nim,	8	ovt, lt, R,	8	ovt, lt-R,	8	ovt,	8	127·3	71·9	88·1	76·7
7	cu, cr-hz, nim, sh lg N,	5	ovt,	8	ovt,	8	do.	8	do	8	do.	8	117·5	71·2	85·1	76·8
8	ovt, lt-R	8	do. R,	8	do.	8	do. lt-R,	8	do, lt-R,	8	do.	8	ovt.	72·3	81·4	75·4
9	cu-hor, sh-lg E,	1	cu, cr, cr-hz,	7	d-cr, cr-hz,	8	d-cr, cr-hz, cu,	8	cu, d-cr-hz,	8	do.	8	114·5	71·1	84·5	74·3
20	ovt, R, lg N,	8	ovt,	8	ovt, R,	8	ovt,	8	cu, cu-st, cr-hz, nim,	8	cu, cu-st, cr-hz, nim,	8	110·7	73·3	81·6	75·0
1	...	...	...	...	...	...	...	...	...	...	...	...	117·5	71·7	84·6	75·1
2	do	8	do.	8	d-cr, cr-cu, cr-st,	7	cr, cr-st, cu,	7	ovt,	8	ny-ovt.	7	124·6	73·0	85·6	76·3
3	ny-clear,	0	cu, cr-st, hz,	3	cu, cr-cu, cr-hz,	3	cu, cu-st, cr-hz,	4	cu, cu-st, cr-hz,	3	cu, cu-st, hz,	3	130·5	69·9	87·0	73·3
4	cr-hz, cu,	2	d-cr-hz. cu,	6	d-cr-hz, cu,	6	do.	6	do.	7	cu, cr-cu, cr-st, hz,	4	142·5	71·1	89·1	77·0
5	cu-hor,	2	cr, cr-hz,	3	cu, cu-st, cr-hz,	4	do.	5	do.	6	fl-cu, cr, cr-st,	6	136·3	72·9	88·0	77·2
6	cu, cr-hz, cr-st,	5	cu, cu-st, cr-hz, nim,	6	cu, cu-st, cr-st, cr-hz,	5	fl-cu, cu st, cr-hz, nim,	8	fl-cu, cu st, cr-hz, nim,	7	cu, cu-st, nim,	7	131·5	72·7	87·2	78·1
7	ovr, R,	6	ovt, R,	8	ovt,	5	ovt,	8	ovt,	8	cu, cu-st, cr-hz,	7	ovt.	73·1	83·1	74·2
8	...	...	...	...	...	...	...	...	...	...	...	...	126·5	71·9	85·1	76·4
9	do, lt-R,	8	do., lt-R,	8	do.	8	do.	8	do.	8	ovt,	8	ovt.	73·1	85·8	77·6
30	cu, cr-hz, nim, lt-R,	5	cu, cr-cu, cr-st,	6	cu, cu-st, cr-hz,	4	cu, cu-st, hz,	5	cu, cu-st, cr-hz,	4	cu, cr-hz,	4	124·5	73·1	88·0	78·0
1	cu, cr-hz,	7	cu, cr-cu, hz,	6	cu, cr-cu, cr-st, cr-hz.	5	cu, cu-st, cr-hz, nim,	6	do.	5	cu, cr-st, cr-he,	3	130·5	74·1	88·1	76·1

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard ... around
- cld ... clouds or cloudy
- cr or cir ... cirro or cirro cumulus
- cu ... cumuli or cumulo
- D ... Dew
- d ... dense
- dst ... distant
- dt ... detached
- E ... East
- fg ... fog
- fk ... forked
- fl ... flying
- fr ... frequent
- g ... ground
- hy ... heavy
- hl ... halo
- hor ... horizon
- hz ... haze or hazy
- ld ... loud
- lg ... lightning
- lt ... light
- md ... meteor
- N ... North
- nim ... nimbus
- ny ... nearly
- ovd ... overhead
- ovt ... overcast
- ps ... peals
- pt ... part or partly or partial
- R ... Rain
- rb ... rain bow
- S ... South
- sc ... scattered
- sh ... sheet
- st ... stratus
- th ... thunder
- thk ... thick
- v ... very
- vd ... vivid
- W ... West

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REMARKS ON THE WEATHER FOR THE MONTH OF NOVEMBER 1854.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	su, cr-st, cr-hs, ...	4	cu, cr-st, cr-hz, ..	8	cu, cr st, cr-hs, ...	3	cu, cr-st, cr-hs, ...	8	cu, cr, cr-hs, ..	2	fl-cu, nim, lt-R, ...	6
2	cu, hs, ...	3	d-cr-hz,cr-st,cu,lg-N,	5	d-cr-hz, cr-st,cu,lg-N,	4	cr-hz, cu, ...	8	cu, cr-hs, ...	2	cu, d-hs, ...	6
3	cr-hz, cr-st, ...	4	d-cr-hs, cr-cu, ...	5	ovt.	5	ovt, ...	8	ovt.	3	ovt.	8
4	ovt, ...	8	ovt, lt-R, ...	8	do, ...	8	do. lt-R, ...	8	do, lt-R, ...	8	... ...	...
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr, cr-hz, st, ...	8
6	cu, cr-st, hz, ...	2	clear, ...	0	cu, cu-st-E-hor,...	2	cu, cr, cr st, ...	8	cu, cu-st, cr-hz,...	3	cu, su-st, cr-st, hs,	4
7	cu, cr-hs, nim, ...	7	cu, cr-hz,nim,lg-NW,	7	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	5
8	cr-st, cr-cu, hz, ...	3	cu,cu-st,cr, cr-st, hz, viv.	4	cu, cu-st,d-hs, lg-W,	7	cu, cr-cu, cr-hs,	7	cu, cu-st, cr-hz, ...	4	cr-cu, cr-st, ...	6
9	cu, cr-hs, ...	2	cu, cu-st, cr-hz, lg-W,	4	cu, cu-st, cr-hz, ...	6	cu, su-st, cr-hs, ...	6	do. nim, ...	6	fl cu, cu-st, hs, ...	6
10	sc-cu, hz, ...	2	sc-cu, hs, ...	2	sc-cu, hs, ...	2	fl cu, cu-st, ..	3	cu, su-st, cr-hz,...	4	cu-hor, ...	3
1	ovt, lt-R, ...	8	cu, sc-st, nim, ...	6	cu, cu-st, cr-hz, nim,	5	cu,cu-st,cr-hz,nim,lt-R	7	ny-ovt, ...	7	... ...	...
2	... ...	...	... ...	...	... ...	...	.. ..	...	... ...	...	fl-cu, cu-st, hz, nim,	8
3	cu, hs, ...	3	fl-cu,...	3	fl cu, ...	3	fl cu, ...	1	su, cr-cu, hs, ..	2	sc cu, ...	2
4	do.	2	fl cu, hz, ...	2	fl-cu, hz, ...	3	fl-cu,hz, lg-NE, ...	5	ovt, lt-R, ...	[illegible]	do.	3
5	cu, cu-st, nim, r-b-E,	5	cu, hs, lg-S,... ..	2	cu, hs, ...	5	cu, cu-st, cr-hs, ..	4	cu, cu-st, cr-hz, ...	4	cu, nim, R, ...	3
6	cu, cr-hs, ...	3	fl-cu, hs, ...	5	fl-cu,hs, ...	4	fl-cu, hs, ...	3	sc-cu, cu st, ...	2	sc-cu, cu-st, hs, ..	3
7	cu, hz, ...	1	fl cu, hz, ...	2	fl-cu, hs,... ...	3	cu, cu-st,... ...	2	cu-hor, ...	1	sc-cu, cr-hz, ...	2
8	fl-cu, hs, ...	3	cu, cr-st, hz, ...	5	do.	4	cu, cr-cu, cr-hs, ...	7	cu, cu-st, cr-hs, ..	5	... ...	...
9	... .	...	... ...	...	... ...	...	.. ..	...	.. ..	...	ovt, ...	8
20	su, cr- hs, ...	6	cu, nim, ...	4	cu, nim, ...	7	cu, cu-st, hs, nim, ...	4	do, nim, ...	[illegible]	clear, ...	0
1	cu, hs, ...	3	cu, hs, ...	1	cu, hs, ...	1	cu, hz, ...	3	cu, cr-hor, ...	[illegible]	cu, cr-st, hs,... ...	3
2	cu. cr-st, ...	1	ny-ovt, ...	8	cu, cu-st, d-cr-hs, ...	6	cu, cu-st, cr-hs, ..	7	cu, cu-st, hs, nim,	[illegible]	ny-ovt, ...	7
3	ovt, ...	8	ovt, ...	8	ovt, lg-S, ...	8	ovt, R, ...	8	ny-ost, ...	[illegible]	ovt, ...	8
4	do.	8	do, R,... ...	8	do.	8	do.	8	do.	[illegible]	do.	8
5	cu cr-hs, nim, ..	7	cu, cr-hs, ...	3	hy-cu, cr-hs, ...	4	cu, cr-st, d-hs, ...	5	do, R, ...	7	... ...	...
6	... ...	...	... ...	...	... ...	...	... ...	...	.. ..	...	do.	8
7	cu, cu-st, cim, ...	7	cu, cu-st, cr-st, hs,	5	ovt, R, ...	8	ovt, R	8	ovt, lt-R, ...	8	do.	8
8	cu, cr-cu, cr-hs, nim,	6	cu, cr-st, hs, ...	3	cu-st, cr-st, hz, ...	2	cu, cu-st,cr-cu, hz, ...	6	do, hy-R, ...	5	do.	8
9	cu, cr-cu cr-hs, ...	3	fl-cu, cr-st, hz, ..	3	cu, su-st, hz, ...	4	cu, hz, ...	2	clear, ...	0	cu, cr-hs, ...	2
30	cu, hs, ...	2	fl-cu, hz, lt-R, ...	4	fl-cu, hs, ...	4	fl cu,...	4	fl-cu, cu-st, cr-hs,	4	sc-cu, cr-hs, ...	2

REMARKS ON THE WEATHER FOR THE MONTH OF DECEMBER 1854.

Date.	NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	sc-cu, ...	3	hy-cu, cu-st, hs, ...	5	hy-cu, cu-st, hz, nim,	5	hy-cu, cu-st, hz, ...	6	fl-cu, cu-st, hs, ...	3	clear, ...	0
2	fl-cu, ...	4	cu-st, cr-st, hz, ...	4	cu-st, cr-st, hz, ...	5	cu, cu-st, cr cu, cr-hs,	4	cu, cu-st, cr-hz,...	3	.. ..	...
3	... ...	...	... ...	...	... ...	...	... .	...	... ...	...	cu, hz, ...	2
4	cu, cr cu, nim, ...	7	ovt, R, ...	8	ovt, ...	8	cu, cr-hs, nim, ...	7	cu, cr-hz, ...	7	sc-cu, cu-st, cr-hz,	6
5	fl-cu, hs, ...	6	cr cu,cr- hz,... ..	6	cu, cr-cu, cr-hz,...	6	do.	7	cu, cr-cu, cr-hs, ..	7	cr-cu cr-hz,... ...	8
6	cu, cr-cu, ...	5	cu, cr-hs, ...	4	cu, cu-st, cr-hs, ...	3	fl-cu, cr-cu, cr-st, hs,	4	cu, hs, ...	2	cu, hz, ...	3
7	cu, hs, ...	3	sc-cu, ...	2	clear, ...	0	cu, cr-st, ...	2	cu-hor, D, ...	1	cu-hor, D, ...	1
8	clear, ...	0	clear, ...	0	do.	0	cy-clear, ...	0	clear, D, ...	0	do. D,... ...	1
9	sc-cu, ...	2	fl-cu,...	3	fl-cu, ...	4	fl-cu, cr-st, hz, ...	4	cu, cu-st, nim, R, ...	6	... ...	..
10	.. ..	..	... ...	..	... .	...	.. ..	...	... ...	...	ovt, hy-R, ...	8
1	do.	3	fl-cu, nim, ...	7	cu, cu-st, hs, ...	6	ny-ovt, ...	6	cu, cr-hs, ...	5	cu, cu-st, cr,... ...	4
2	cu, cr-cu, ...	3	fl-cu, cr-st, hz, ..	3	fl-cu, cr-st, hs, ...	2	fl-cu, nim, ...	3	fl-cu, cu-st, ...	5	cu-hor, ...	2
3	sc-cu, ...	2	sc-cu, ...	2	sc-cu, ...	2	sc-cu, ...	2	cu-hor, D, ...	1	do. D, ...	1
4	do.	3	fl-cu, ...	1	fl-cu, hz, ...	4	hz, su-cu, ...	3	do.	1	cu, cr-hs-hor, D,	1
5	cu, cr-hs, nim, ...	6	cu, hs, ...	4	cu, d-hs, ...	4	cu, hs, ...	6	cu, hz, D, ...	2	cu,cu-st,cr-hz, D, ..	3
6	cu, cr-cu, hs, ...	4	cu-hor, hs, ...	2	do.	3	cu, cu-st, hz, D,...	2	cu, cr-cu, cr-hs, D,	6	... .	...
7	... .	...	... ...	...	... ...	...	... ...	...	... ...	...	cr-cu, cr-st, hz, D,	1
8	cr-cu, cr-hz, ...	3	cu, nim, ...	6	cu, hs, ...	3	clear, D,... ...	3	clear, D, ...	0	clear, D, ...	0
9	cu-hor, ...	3	fl-cu, hz-hor, ...	1	clear, D,... ...	0	fl-cu, hz, ...	0	do.	0	do.	0
20	clear, ...	0	clear, ...	0	do.	0	fl-cu, ...	0	do.	0	do. D, ...	0
1	sc-cu, ...	2	cu-hor, ...	1	cu, cu-st, cr-hs, ...	6	ovt.	8	cu, cr-hs, ...	2	cu, cr-hz, ...	6
2	ovt, ...	8	ovt.	8	ovt, R, ...	8	do.	8	ovt, ...	8	cu, cu-st, cr-hz, nim,	6
3	ny-ovt, ...	7	hy-cu, cr-st, hz, ..	7	cu, cu-st, hs, ...	4	do.	8	ny-ost, ...	7	... ...	...
4	... ...	...	... ...	...	.. ..	...	... ...	...	... ...	...	ny-ovt, ...	7
5	ovt, lt-R, ...	8	ovt, lt-R, ...	8	ovt, R, ...	8	do.	8	ovt, ...	8	ovt, ...	8
6	cu, cr-st, hz, ...	8	fl-cu, cr-hs, ...	6	cr-cu, cr-hz, ...	7	cr cu, cu-st, cr-hs,	7	cu-st, cu, cr-hs,...	3	sc-cu, ...	1
7	fl-cu, cu-st, cr-hs, ...	5	fl-cu, cu-st, cr-hs, ...	4	fl-cu, cu-st, ...	3	fl-cu, ...	2	clear,..	0	cu, cu-st, cr-hz, ..	3
8	cu, hz, ...	2	fl-cu, cr-cu, hs, ...	3	fl-cu, cr-cu, hs, ...	5	ny-ovt, ...	7	ovt, lt-R, ...	8	ovt, ...	8
9	ovt, lt-R, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	ny-ovt, ...	7	cu, su-st, hz, ...	6
30	cu, cu-st, cr-hs, ..	4	cu, cu-st, cr-hs, ..	2	cu, cu-st, ...	4	cu, cu-st, ...	5	cu, cu-st, ...	4	... ...	..
1	... .	..	. ..	..	... ...	...	.. ..	...	. ... ..	..	cu, cr-st, hz,... ..	3

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard ... around; cld ... clouds or cloudy; cr or cir ... cirri or cirro or cirrous; cu ... cumuli or cumulo; D ... Dew; d ... dense; dis ... distant; dt ... detached; E ... East; fg ... fog; fl ... [illegible]; fl ... flying; fr ... frequent; g ... ground; hy ... heavy; hl ... halo; hor ... horizon; hz ... haze or hazy; ld ... loud; lg ... lightning; lt ... light; mt ... meteor; N ... North; nim ... nimbi; ny ... nearly; ovd ... overhead; ovt ... overcast; pa ... pale; pt ... part or partly or partial; R ... Rain; r-b ... rain-bow; S ... South; sc ... scattered; sh ... sheet; st ... stratus; th ... thunder; thk ... thick; v ... very; vd ... vivid; W ... West.

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REMARKS ON THE WEATHER FOR THE MONTH OF NOVEMBER 1854.

Date.	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers. Radiation. Sol.	Radiation. Ter.	Air. Max.	Air. Min.
1	cu,cr-hz,nim,sh-lg-NE	3	cu, ur-hz, ...	3	cr, cr-hz, cu, ...	4	cu, cu-st, cr-hz, ...	5	cu, cr-st, hz, ...	5	cu, hz, ...	4	135·5	74·4	88·1	77·7
2	cu, cr-st, hz, ...	4	cu, cr, cr-hz, ...	4	cu, cu-st, cr-hz,	4	do.	5	cu, cr-hz, ...	3	cu, cr-hz, ...	2	141·2	72·6	87·3	77·2
3	ovt, ...	8	cu, cu-st, cr-hz,	6	do. nim, ..	7	ovt, ...	8	ovt, ...	8	ovt, lt-R, ...	8	ovt.	75·1	85·1	78·8
4	... .	...	... ...	.	... ...	...	... ...	..	... ...	...	... ...	..	do.	73·6	82·3	78·2
5	cs, cr-hz, cu,	6	cu, cr, hz, ...	4	cc, cr, hz, ...	3	cs, cr-hz	4	cr-st, hz, ...	1	cr-st, hz, ...	1	144·5	69·9	87·5	74·2
6	cr, cr-hz, ...	2	cr, cr-hz, ...	1	sc-cu, hz, ...	2	cu, cr, cr-hz, ...	4	cu, cr-hz, nim,	4	cu, cr-hz, nim,	6	142·5	73·7	91·7	77·4
7	cu, cr, cr-hz,	8	cu, cr, ur-hz, ...	7	cr-cu, cr-st, ...	7	cr-cu, cr-st, ...	7	cu, cr-hz, ...	4	cu, hz, ...	3	144·5	73·3	88·3	76·3
8	cu, ur-hz, D, ...	5	cu, cu-st, cr-hz,	6	cu, d-hz, ...	4	fl-cu, cu-st, hz,	5	do.	6	cu, cr-hz, ...	7	137·5	70·7	86·8	76·6
9	cu, cu-st, cr-hz,	6	sc-cu, hz, ..	2	sc-cu, hz, ...	3	fl-cu, cu-st, ...	8	fl-cu, hz, ...	2	sc-cu, hz, ...	3	134·5	72·2	86·0	78·6
10	cu-hor, ...	2	cu, cr-st, hz,	2	cu, cr, cr-hz, ..	3	do.	7	cu, cr-hz, nim,	7	cu, cr-hz, nim,	8	120·5	72·0	84·2	74·7
1	... ..	...	... .	...	... ...	..	... ...	...	... ...	...	... ...	.	116·5	72·2	84·4	73·9
2	fl-cu, cu-st, ..	6	fl-cu, cu-st,...	6	fl-cu, cu-st, nim,	6	fl-cu, cu-st, cr-hz,	6	fl-cu, cu-st, cr-hz,	6	cu, hz, ...	4	128·2	74·3	86·4	76·3
3	sc-cu, cr, ...	2	cu-hor,... ..	3	fl-cu, ...	4	ovt, R, ...	8	cu, cu-st, ...	5	do, ...	3	130·5	70·8	85·2	75·7
4	sc-cu, hz, ...	3	cu, cu-st, cr-hz,	4	fl-cu, hz, ...	4	fl-cu, nim, ...	6	cu, cr-hz, ...	6	cu, cu-st, nim,...	6	180·5	72·0	86·0	76·3
5	fl-cu, nim, ...	5	cu, cr-cu, hz, ...	6	fl-cu, cu-st, nim, ...	6	ovt, R, ...	8	cu, cr-cu, cr-hz, nim,	6	cu, cr-hz, nim, ..	5	127·5	73·0	84·2	76·8
6	sc-cu, ...	3	fl-cu, hz, ...	3	cu-hor, ...	2	fl-cu, nim,... ...	6	fl-cu, hz, ...	5	fl-cu, hz, ...	3	138·5	72·0	84·8	75·2
7	clear, ...	0	sc-cu, ...	2	fl-cu, cr	3	fl-cu, cr, ...	5	fl-cu, cr, ...	4	do.	3	133·2	70·6	84·7	78·1
8	... ...	...	... ...	...	... ...	..	... ...	...	... ...	...	... ...	...	115·5	73·2	83·0	74·7
9	cu, cr-hz, ...	3	ovt, ...	8	ovt, lt-R, ...	8	ovt, lt-R, ...	5	fl-cu, ...	4	cu, cr-hz, nim, ...	6	135·5	72·0	83·5	72·3
20	clear, ...	0	fl-cu, cu-st,...	4	fl-cu, hz, ...	3	cu, cu-st, cr-hz, ...	5	cu, cu-st, nim,	6	cu, cu-st, nim,	5	135·5	71·7	83·3	77·3
1	ny-clear, ...	0	fl-cu, cu-st, nim,	4	cr, cr-hz, cu, ...	4	cu, cu-st, ...	5	cu, cr-hz, ...	4	cu, cr-hz,... ...	3	125·0	68·5	83·1	75·1
2	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, R, ...	8	ovt, ...	8	ovt.	74·6	81·5	78·7
3	ny- ovt, ...	7	do. lt-R,...	8	do.	8	do.	8	do.	8	do. R, th-N, ...	8	125·5	74·9	83·6	74·6
4	cu, cr-hz, nim,...	6	ny-ovt, ...	7	ny-ovt, ...	7	ur-hz, fl-cu, st, ...	6	fl-cu, cu-st, nim, th-NW.	6	fl-cu, cu-st, nim,	6	132·5	73·5	84·4	76·2
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... .	...	132·3	73·0	84·8	75·9
6	cu, hz, ...	3	fl-cu, nim, ...	4	cu, cu-st, hz, ...	4	fl-cu, cu-st, ...	3	cu, cu-st, nim,	7	cu, cu-st, nim,	5	138·5	73·0	84·1	75·4
7	ovt, lt-R, ...	8	ovt,... ...	8	cu, cu-st, nim, ...	6	cu, cs, cr-hz, ...	4	cu, nim, ...	8	cu, cr-hz, nim, ..	7	ovt.	73·8	81·8	74·3
8	clear, ...	0	cu, cr, cr-st, ...	3	sc-cu, ur-st, cr-cu,	3	fl-cu, cu-st, ...	5	cu, cu-st, ...	4	fl-cu, cr-st, hz,	4	138·5	73·9	84·0	74·2
9	sc-cu, ...	2	fl-cu, cu-st,...	5	fl-cu, cu-st, ...	4	do.	4	cu, cr-hz, nim, ...	6	cu, cr-hz,... ...	4	130·5	73·6	84·0	75·4
30	clear, D, ..	0	cu, cu-st, cr-hz,	4	sc-cu, cu-st, ...	3	cu, cu-st, nim, ...	5	cu, ...	6	fl-cu, cu-st, nim,	6	129·2	71·3	83·3	73·1

REMARKS ON THE WEATHER FOR THE MONTH OF DECEMBER 1854.

Date.	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Radiation. Sol.	Radiation. Ter.	Air. Max.	Air. Min.
1	clear, ...	0	cu, cr-hz-hzr, ...	1	cu, cr, cr-hz, ...	2	fl-cu, cu-st, cr-hz, nim,	5	fl-cu, nim, ...	6	fl-cu, nim, ...	5	133·5	69·8	82·7	73·0
2	... ...	...	... ...	..	... ...	..	... ...	..	... ...	...	... ...	...	132·5	70·5	83·4	74·6
3	cu, cu-st, nim, ..	4	cu, cu-st, nim,...	6	ny-ovt, ...	7	fl-cu, cu-st, ...	6	fl-cu, cu-st, ...	5	fl-cu, nim, ...	7	130·5	Discontr.	83·6	74·3
4	cu, cr-hz, ...	5	cu, cu-st, cr-hz,	5	cu, cr-hz, nim, lt-R,	7	cu, cu-st, cr-hz,	6	do.	6	fl-cu, hz, ...	6	116·0	72·4	84·0	74·2
5	cu, cr-cu, cr-hz,	6	cu, cr cu, cr, hz, nim	8	ovt, lt-R, ...	8	cu, cr-cu, cr-hz, ...	6	cu, cr-cu, ...	4	fl-cu, cr-hz, ..	5	131·5	71·5	83·7	75·6
6	cu, cr-hz, ...	3	cu-hor, ...	2	cu, cu-st, cr-hr, nim,	4	sc-cu, cu-st, cr-hz,	4	fl-cu, hz, ...	8	sc-cu, ...	3	132·3	70·2	83·0	73·9
7	clear, D, ...	0	sc-cu-hor, ...	2	cu, cr-cu, ...	2	cu, cr-cu, cr-hz, ...	4	cu, cu-st, hz, ...	5	do.	3	141·5	67·0	83·2	71·9
8	sc-cu, cr-cu, D,...	3	cu, cu-st, cr-hz,...	3	cu, cu-st, cr-st,	3	cu, cu-st, cr-hz, ...	4	fl-cu, cu-st, ...	6	do.	2	130·7	67·5	83·2	73·0
9	... ...	...	... ...	...	... ...	..	... ..	...	... .	..	... ...	...	127·0	72·9	82·7	75·0
10	ovt, ...	8	ny-ovt, ...	7	ovt, ...	8	do. nim, ...	6	cu, cu-st, cr-hz, nim,	5	cu, cu-st, ur-hz, nim,	0	134·5	73·4	81·5	74·2
1	sc-cu, cs-st,...	3	cu, cu-st, cr-hz,	3	sc-cu, cu-st. ...	3	sc-cu, cu-st, ...	8	fl-cu, cu-st, ...	5	fl-cu, cu-st, ...	3	126·0	71·1	82·4	76·2
2	cu, cu-st, cr-hz,	3	cu-hor, ...	1	cu, cr, cr-hz, ..	2	sc-cu, cr-hz, ...	3	do.	3	do.	4	130·3	67·0	81·5	72·8
3	cu, cu-st, hz, D.	2	cu, cu-st, cr-hz, nim,	6	cu, cu-st, cr-hz, nim,	6	cu, uu-st, nim,	6	fl-cu, nim,... ...	6	fl-cu, nim, ...	4	126·1	65·7	81·5	72·0
4	ur-cu, cr-st-hor, D,	1	cu, cu-st, cr-hz,	3	sc-cu, ...	2	cu, cu-st, cr-hz, ...	4	fl-cu, cu-st, hz,	7	ny-ovt, ...	7	126·0	65·3	80·2	69·0
5	cu, cr-cu, cr-hz,	5	cu, cr-cu, cr-hz,	6	cu, cu-st, cr-cu, hz,	5	cu, cu-st, cr-cu, hz,	5	fl-cu, cu-st, nim, ...	6	fl-cu, cu-st, nim, ..	5	132·3	68·5	81·3	71·2
6	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	.. ...	..	130·5	67·5	81·6	69·7
7	cr-st, cr-hz, D,...	1	sc-cu, cr-st, hz, ..	3	ny-clear, ...	0	sc-cu, cr-hz, ...	1	cu, cr-cu, ...	3	cu, cr-cu, ...	4	133·5	62·1	82·2	70·0
8	cu, cr, D, ...	1	cu, cu-st, cr-hz,	3	uc, cu-st, cr-hz, ...	4	cu, cu-st, cr-hz, ...	4	fl-cu, cu-st, ...	4	cu, cu-st, nim,	6	132·5	63·0	81·2	68·6
9	cu, cu-st, cr-hz, D,	3	do.	4	cu, hz, ...	2	do.	4	cu, cu-st, hz, ...	4	clear, ...	0	131·7	62·8	81·5	69·9
20	clear, D, ...	0	fl-cu, D, ...	2	cu, cu-st, cr-st, ...	3	sc-cu, cr-hz, ...	8	fl-cu, hz, ...	4	cu-st, cr-st, hz,	3	136·3	61·4	80·9	68·8
1	cu, cu-st, cr-hz, nim, lt-	7	ovt, ...	8	ny-ovt, ...	7	ovt, lt-R, ...	8	ovt, lt-R, ...	8	ovt, lt-R, ...	8	ovt.	62·9	77·9	72·2
2	ovt, lt-R, [R,	8	cu, cu-st, cr-hz, nim,	7	cu, cu-st, cr-cu, cr-hz,	6	fl-cu, cu-st, hz, ...	6	fl-cu, cu-st, hz,	6	fl-cu, cu-st, hz.	6	129·3	72·5	82·1	74·6
3	.. ...	...	... ...	...	... ...	.	... ...	...	... ...	...	... ...	...	ovt.	72·3	80·9	74·1
4	do.	8	cu, cu-st, cr-cu, cr-hz,	7	cu, cu-st, cr-cu, cr-hz,	7	ovt, lt-R, ...	8	fl-co, cr-hz, ...	7	fl-cu, cr-hz. ...	7	do.	73·4	81·2	75·4
5	do. ...	8	ovt, ... [nim,	8	ovt, R, ... [nim,	8	cu, cr-hz, nim,	7	ovt, ...	8	ovt, ...	8	120·5	73·5	81·8	75·4
6	ny-clear, ...	0	cu, cr-cu, hz, ...	3	fl-cu, hz, ...	4	fl-cu, hz, ...	5	fl-cu, cu-st, cr-hz,	5	fl-cu, cu-st, cr-hz,	6	126·1	68·5	81·5	74·3
7	cu, cr-st, cr-hz, D,	2	cu, cu-st, cr-hz,	8	co, cu-st, cr-hz,	2	fl-cu, cu-st, cr-hz,	5	cu, hz, ...	3	cu, hz, ...	2	130·5	69·4	81·5	72·0
8	ovt, ...	8	ovt, R, ...	8	ovt, ...	8	ovt, lt-R, ...	8	ovt, lt-R, ...	8	ny-ovt, ...	7	ovt.	71·0	79·4	74·0
9	co, cr-cu, cr-hz,	3	fl-cu, hz, ...	3	cu, cu-st, cr-hz,	3	fl-cu, cu-st, cr-hz,	4	fl-cu, cu-st, ur-hz,	4	cu, cu-st, hz, ...	4	129·5	70·3	81·5	74·1
30	... ...	...	... ...	...	... ...	.	... ...	...	... .	...	... ...	...	130·5	70·1	80·8	70·7
1	cu, cr-st, hz, D,	3	cu, cr-hz, D,	2	cs, cr-st, ...	1	cu, cr-st, hz, ...	3	cu, hz,... ...	3	cu, hz, ...	2	130·5	64·1	80·5	69·3

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard.........around
cld ....clouds or cloudy
cr or cir...cirri or cirro or cirrous
cu... ... ...cumuli or cumulo
D... ... ...Dew
d... ... ...dense
ds... ......distant
dt... ... ...detached
E... ... ...East
fg... ... ...fog
fk... ... ...forked
fl.............flying
fr... ... ...frequent
g..............ground
hy............heavy
hl... ... ...halo
hor... ......horizon
hz... ... ...haze or hazy
ld... ... ...loud
lg ....lightning
lt... ... ...light
mt... ... ...meteor
N..............North
nim............nimbi
ny ... ...nearly
ovd... ....overhead
ovt... ....overcast
ps... ... ...peals
pt... ... ...part or partly or partial
R..............Rain
r-b ... ...rain-bow
S..............South
sc ... ...scattered
sh... ... ...sheet
st... ... ...stratus
th ... ...thunder
thi ... ...thick
v ... ...very
viv... ... ...vivid
W.............West

MADRAS, 1855.

METEOROLOGICAL OBSERVATIONS.

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BAROMETRIC PRESSURE.

Barometer at 32° = 29 English Inches + the number in the Table.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. −·0016 *	In.	In. −·0044 *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
JANUARY 1855. 1	0·913	0·925	0·946	0·953	0·966	0·966	0·962	0·975	0·949	0·944	0·936	0·933	0·941	0·956	0·967	0·982	1·010	1·012	1·001	0·975	0·951	0·927	0·901	0·904	0·957
2	·911	·921	·942	·969	·992	·986	·953	·976	·943	·934	·922	·919	·926	·938	·954	·973	·001	0·999	0·997	·975	·941	·918	·890	·884	·950
3	·908	·913	·944	·953	·979	·987	·979	·964	·938	·932	·923	·924	·936	·957	·973	·992	·018	1·011	·996	·977	·947	·913	·891	·886	·952
4	·890	·903	·927	·953	·970	·984	·984	·975	·950	·943	·932	·926	·930	·938	·963	·992	·010	·013	1·007	·990	·958	·927	·906	·901	·953
5	·911	·924	·937	·968	·996	·996	·994	·977	·965	·946	·923	·911	·910	·911	·936	·953	0·960	0·993	·001	·981	·932	·893	·878	·859	·945
6	·867	·882	·899	·932	·946	·950	·946	·934	·905	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·861	·813	·811	·819	·829	·850	·877	·902	·905	0·896	·878	·847	·808	·791	·778	·872
8	·785	·796	·817	·840	·856	·869	·865	·867	·853	·844	·832	·828	·834	·852	·874	·904	·940	·939	·934	·916	·888	·860	·847	·840	·862
9	·848	·857	·870	·895	·922	·937	·934	·921	·909	·897	·881	·878	·886	·893	·914	·949	·984	·992	·983	·965	·940	·907	·895	·886	·914
10	·894	·911	·928	·947	·959	·968	·970	·953	·942	·922	·899	·896	·904	·922	·938	·971	·996	1·001	·996	·967	·938	·898	·888	·881	·937
11	·887	·896	·916	·942	·950	·955	·951	·950	·943	·927	·907	·913	·930	·939	·949	·981	·997	0·997	·986	·954	·932	·889	·872	·860	·934
12	·868	·878	·897	·925	·947	·949	·944	·938	·928	·921	·911	·905	·913	·925	·942	·961	·987	·988	·977	·952	·927	·895	·880	·874	·926
13	·880	·889	·906	·938	·949	·958	·968	·956	·942	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·936	·926	·922	·929	·949	·968	1·000	1·009	1·035	1·036	1·002	·966	·942	·921	·911	·956
15	·923	·935	·953	·979	1·002	1·006	1·004	·986	·970	·964	·955	·954	·963	·974	·989	·021	·047	·047	·027	0·996	·963	·929	·901	·891	·974
16	·896	·912	·937	·960	0·992	0·997	0·995	·989	·966	·956	·943	·934	·935	·948	·957	0·990	·019	·024	·018	·998	·971	·937	·910	·900	·961
17	·899	·905	·917	·949	·970	·976	·978	·973	·960	·937	·910	·900	·901	·907	·921	·948	0·984	0·996	0·987	·966	·940	·907	·886	·882	·937
18	·891	·901	·920	·939	·958	·976	·973	·970	·964	·942	·917	·914	·921	·938	·956	·974	1·001	1·005	1·000	·990	·990	·939	·924	·929	·950
19	·933	·940	·952	·973	·989	1·001	1·006	·994	·987	·974	·957	·948	·950	·967	·982	1·011	·040	·056	·050	1·041	1·014	·987	·971	·960	·987
20	·971	·986	1·008	1·022	1·040	·042	·049	1·044	1·031	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	1·028	1·022	1·008	1·001	1·019	1·029	·059	·082	·093	·090	·064	·037	1·009	·984	·970	1·028
22	·975	·982	0·992	·013	·032	·039	·049	·044	·031	·017	·000	0·990	0·990	·002	·027	·049	·065	·087	·079	·056	·029	0·994	·982	·977	·020
23	·978	·989	1·005	·017	·047	·066	·071	·064	·033	·016	·000	·999	1·009	·021	·044	·076	·106	·107	·101	·084	·057	1·027	1·012	1·001	·039
24	1·005	1·014	·032	·054	·063	·076	·074	·064	·044	·032	·016	1·018	·020	·031	·044	·062	·087	·068	·083	·063	·035	·005	0·988	0·970	·041
25	0·988	0·993	·009	·033	·056	·064	·067	·060	·043	·032	·017	·014	·021	·035	·058	·088	·118	·125	·117	·100	·063	·031	1·016	1·013	·048
26	1·026	1·030	·054	·078	·097	·108	·107	·099	·082	·074	·062	·052	·053	·071	·087	·120	·141	·150	·148	·130	·097	·063	·035	·031	·064
27	·039	·054	·064	·091	·114	·120	·127	·119	·091	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·074	·054	·044	·045	·051	·058	·088	·127	·144	·138	·114	·087	·052	·036	·020	·061
29	·024	·039	·059	·080	·104	·114	·113	·108	·089	·075	·057	·048	·050	·067	·100	·117	·145	·163	·163	·140	·114	·084	·063	·053	·090
30	·052	·063	·074	·104	·123	·133	·132	·124	·107	·092	·074	·075	·087	·106	·124	·148	·168	·186	·182	·156	·138	·103	·079	·067	·117
31	·078	·084	·102	·125	·145	·153	·149	·140	·121	·100	·076	·068	·071	·086	·098	·130	·168	·181	·179	·155	·127	·101	·072	·059	.115
Means.	·935	·946	·963	·986	·007	·015	·015	·006	·988	·975	·958	·953	·958	·970	·989	·018	·043	·049	·043	·022	·993	·961	·942	·933	0·986
	–									−·0008 *		−·0062 *													
FEBRUARY 1855. 1	1·065	1·075	1·097	1·124	1·134	1·152	1·146	1·136	1·104	1·067	1·071	1·071	1·088	1·108	1·126	1·150	1·173	1·177	1·171	1·149	1·115	1·087	1·071	1·050	1·113
2	·046	·059	·069	·093	·114	·124	·121	·115	·100	·081	·064	·056	·059	·067	·095	·128	·157	·158	·154	·127	·103	·071	·037	·018	·092
3	·017	·026	·028	·061	·075	·079	·067	·070	·060	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·041	·004	·004	·015	·029	·052	·085	·105	·115	·102	·071	·048	·029	·005	·001	·051
5	·002	·018	·049	·066	·088	·099	·095	·093	·093	·080	·070	·073	·088	·096	·121	·149	·168	·184	·173	·158	·130	·108	·090	·082	·099
6	·067	·109	·133	·148	·169	·172	·168	162	·151	127	106	·103	·111	·126	·150	·168	·193	·202	·188	·160	·129	·099	·079	·081	·138
7	·086	·101	·130	·151	153	·156	·150	·140	·104	·093	·084	·077	·081	·095	·101	·121	·146	·147	·129	·105	·076	·046	·032	,017	·105
8	·012	·025	·036	·052	·068	·065	·061	·052	·035	·018	·004	·000	·007	·018	·039	·056	·074	·081	·076	·042	·024	0·992	0·969	0·961	·032
9	0·977	0·980	0·990	·024	·051	·063	·063	·048	·031	·010	0·993	0·989	0·998	·020	·048	·078	·104	·111	·101	·078	·044	1·021	1·005	1·000	·035
10	1·008	1·011	1·022	·060	·081	·107	·105	·100	·092	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·049	1·009	1·001	1·005	·020	·043	·073	·094	·104	·096	·064	·037	·003	0·981	0·970	·047
12	·968	0·983	0·992	·016	·034	·052	·050	·044	·028	·005	0·987	0·987	0·998	·008	·019	·038	·055	·063	·059	·028	·006	0·973	·956	·947	·012
13	·950	·969	·981	0·999	·022	·034	·030	·013	·000	0·986	·972	·970	·980	0·988	·007	·030	·055	·066	·058	·033	·007	·976	·951	·944	·001
14	·944	·950	·979	·996	·004	·013	006	0·996	0·973	947	·924	·921	·930	·943	0·963	0·980	·008	·019	·011	0·984	0·960	·931	·896	·893	0·966
15	895	·906	·925	·943	0·967	0·973	0·971	958	·944	·930	·918	906	·905	·926	·957	·961	0·991	0·990	0·980	·962	·936	·898	·876	·871	·938
16	·867	·879	·904	·918	·942	·961	·970	·963	·942	·927	·914	·904	·905	·916	·934	·970	·985	1·002	·987	·970	·943	·908	·893	·882	·933
17	890	·898	907	·939	970	·979	·990	·979	·962	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·922	884	·871	·869	·890	·909	·934	·939	0·954	·946	·922	·894	870	·841	·830	·918
19	.817	·815	·836	·869	·884	901	·904	901	·891	·873	·857	·843	·840	·859	·892	·914	·933	·941	·934	·904	·879	·841	·820	·797	·873
20	·791	·808	·847	·880	·894	919	·925	·918	·905	·888	·874	·865	·867	·880	·906	·939	·961	·966	·962	·942	·910	·876	·863	·858	·894
21	·865	·876	·894	·914	946	·962	·960	·955	·943	·933	·925	·916	·906	·912	·945	·984	1·002	1·001	·997	·967	·948	·918	·881	·872	·934
22	864	·870	·892	·917	·928	936	·943	·934	·916	·906	·899	·875	·863	·886	·899	·927	0·955	0·962	·952	·935	·902	·877	·856	·841	·906
23	·839	·849	·854	·882	913	·939	·938	·932	·929	·918	·909	·903	·909	·937	·974	·981	·994	1·004	1·006	·970	·950	·921	·899	·894	·927
24	893	·896	·919	·951	·990	1·000	997	·986	·973	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·992	1·013	1·007	1·012	1·043	1·061	1·094	1·110	·122	·106	1·080	1·051	1·030	1·008	·999	1·014
26	1·006	1·019	1·032	1·013	1·073	·088	1·090	1·073	1·044	1·031	·009	·003	·009	·024	·055	·075	·099	·107	·087	·061	·036	·012	0·986	·982	·044
27	0·991	·006	·019	·048	·063	·079	·072	·053	·026	·004	0·984	0·982	0·992	·008	·026	·053	·071	·081	·068	·043	·000	0·977	·958	·954	·023
28	·967	0·982	·001	·013	·038	·047	·045	·027	·005	0·969	·976	963	·962	0·977	·010	·028	·041	·054	·048	·017	0·987	·965	·942	·939	·001
Means.	952	·963	·981	·004	·025	·039	·037	·027	·012	·993	·977	·970	·975	·990	·014	·039	·059	·067	·058	·032	·005	·976	·954	·945	1·004

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means, and the small figures heading them are the corrections of interpolations.

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BAROMETRIC PRESSURE.

Barometer at 22° = 29 English Inches + the number in the Table.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. -·0028 *	In.	In. -·0061 *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
MARCH 1855.																									
1	0·912	0·955	0·971	1·000	1·017	1·021	1·016	1·006	0·987	0·966	0·951	0·944	0·919	0·964	0·979	0·996	1·007	1·024	1·006	0·976	0·917	0·932	0·905	0·896	0·973
2	·901	·916	·938	0·962	0·992	·006	·004	·000	·989	·973	·963	·947	·943	·958	·982	1·018	·030	·039	·024	1·004	·981	·945	·925	·919	·973
3	·928	·942	·956	·981	·998	·009	·011	·001	·980	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·986	·999	·989	·991	1·008	1·023	·053	·073	·084	·066	·036	1·016	·994	·979	·969	1·003
5	·981	·980	·990	1·017	1·041	·056	·056	·048	1·025	1·002	·986	·978	·982	·002	·026	·053	·065	·079	·061	·033	·003	·976	·955	·947	·014
6	·946	·953	·967	0·997	·023	·031	·035	·023	0·996	0·980	·970	·970	·982	0·991	·010	·042	·062	·071	·054	·033	·008	·981	·954	·951	·001
7	·947	·955	·969	·982	·002	·006	·012	·005	·991	·966	·948	·931	·925	·946	0·970	0·994	·007	·029	·011	0·988	0·967	·939	·916	·899	0·971
8	·904	·912	·915	·936	0·947	0·953	0·955	0·941	·919	·901	·889	·877	·877	·899	·915	·925	0·944	0·954	0·947	·919	·898	·868	·847	·843	·912
9	·849	·860	·885	·906	·932	·941	·942	·925	·906	·883	·866	·862	·870	·879	·899	·926	·939	·941	·926	·896	·874	·843	·823	·813	·891
10	·809	·816	·837	·868	·892	·915	·910	·905	·882	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·891	·907	·910	·924	·933	·954	·976	1·007	1·018	1·014	·989	·964	·941	·926	·915	·921
12	·925	·931	·950	·975	1·002	1·013	1·016	1·003	1·003	·985	·974	·967	·972	·984	1·006	1·001	·055	·059	·054	1·028	·988	·964	·946	·928	·990
13	·929	·931	·956	·980	0·994	·001	0·996	0·977	0·973	·950	·933	·923	·925	·920	0·933	0·960	0·984	0·969	0·962	0·944	·918	·886	·860	·849	·946
14	·845	·852	·870	·898	·910	0·914	·898	·882	·872	·852	·838	·835	·844	·845	·858	·859	·918	·922	·911	·879	·839	·802	·787	·776	·864
15	·775	·800	·823	·845	·856	·880	·873	·865	·841	·828	·822	·817	·824	·841	·865	·895	·921	·925	·920	·894	·871	·845	·832	·818	·853
16	·815	·826	·848	·873	·891	·897	·900	·897	·893	·881	·875	·868	·872	·888	·919	·938	·971	·988	·963	·972	·943	·916	·892	·872	·901
17	·875	·881	·909	·941	·975	·984	·982	·970	·954	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·943	·939	·935	·943	·950	·975	·995	1·007	1·015	1·010	·988	·961	·928	·896	·886	·952
19	·884	·857	·895	·915	·930	·943	·943	·923	·908	·894	·887	·874	·873	·881	·893	·914	0·936	0·940	0·922	·891	·860	·832	·810	·799	·893
20	·795	·812	·828	·844	·861	·861	·853	·843	·834	·816	·805	·796	·799	·807	·838	·869	·886	·889	·877	·848	·813	·786	·761	·749	·828
21	·749	·757	·768	·786	·805	·829	·825	·830	·819	·803	·793	·787	·793	·811	·837	·859	·882	·883	·863	·851	·819	·782	·766	·753	·810
22	·758	·764	·789	·807	·836	·861	·861	·859	·846	·835	·830	·835	·851	·869	·886	·907	·929	·928	·916	·898	·871	·837	·809	·800	·849
23	·803	·817	·833	·843	·857	·878	·877	·866	·846	·844	·847	·845	·855	·870	·897	·925	·942	·943	·939	·902	·883	·850	·821	·815	·867
24	·818	·831	·847	·870	·889	·894	·887	·873	·863	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·856	·855	·857	·871	·883	·910	·941	·955	·957	·945	·920	·897	·874	·864	·851	·884
26	·855	·866	·885	·902	·926	·937	·937	·929	·907	·890	·880	·878	·886	·897	·916	·943	·965	·968	·953	·931	·902	·876	·859	·851	·906
27	·856	·865	·882	·909	·924	·933	·931	·913	·901	·880	·865	·862	·870	·885	·901	·928	·949	·953	·949	·936	·908	·873	·852	·838	·899
28	·850	·864	·880	·902	·920	·934	·936	·926	·907	·889	·877	·872	·878	·891	·920	·946	·964	·968	·963	·941	·909	·877	·843	826	·903
29	·830	·836	·855	·878	·902	·924	·928	·923	·898	·878	·861	·860	·868	·885	·907	·936	·947	·946	·938	·913	·880	·840	·819	·803	·886
30	·797	·811	·833	·853	·878	·902	·900	·888	·873	·855	·844	·843	·853	·869	·889	·917	·933	·941	·932	·909	·877	·857	·842	·839	·872
Means.	·861	·870	·888	·910	·930	·943	·942	·932	·916	·901	·893	·887	·893	·906	·927	·953	·972	·979	·968	·943	·915	·886	.865	·854	0·914
										-·0024 *		-·0058 *													
March 31	0·829	0·837	0·865	0·886	0·913	0·944	0·943	0·932	0·917	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
APRIL 1855.																									
1	—	—	—	—	—	—	—	—	—	0·902	0·894	0·894	0·905	0·923	0·948	0·972	0·990	0·985	0·971	0·940	0·906	0·872	0·841	0·879	0·910
2	·827	·838	·847	·866	·892	·912	·920	·891	·886	·875	·870	·857	·855	·872	·905	·937	·943	·946	·933	·909	·880	·853	·827	·821	·882
3	·825	·824	·849	·873	·885	·895	·893	·882	·858	·837	·822	·815	·820	·839	·855	·883	·896	·905	·888	·871	·852	·833	·810	·805	·855
4	·799	·807	·845	·859	·888	·914	·900	·884	·880	·856	·838	·836	·846	·860	·886	·906	·914	·911	·902	·883	·859	·830	·807	·791	·863
5	·787	·796	·830	·840	·858	·865	·872	·855	·850	·835	·827	·827	·838	·858	·868	·895	·912	·906	·895	·867	·839	·810	·778	·772	·845
6	·784	·795	·814	·837	·863	·874	·874	·857	·851	·840	·836	·831	·838	·817	·874	·893	·909	·908	·901	·884	·863	·839	·821	·817	·852
7	·806	·831	·861	·886	·902	·916	·915	·892	·895	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·892	·895	·892	·900	·914	·941	·959	·983	·991	·980	·963	·941	·911	·880	·861	·909
9	·870	·878	·884	·899	·924	·941	·946	·940	·905	·891	·884	·884	·896	·903	·920	·927	·971	·968	·961	·935	·908	·880	·864	·855	·910
10	·852	·863	·881	·896	·902	·921	·918	·903	·895	·884	·880	·873	·878	·899	·914	·939	·954	·960	·947	·924	·891	·869	·860	·849	·898
11	·844	·881	·893	·910	·921	·939	·933	·924	·916	·904	·898	·896	·905	·927	·955	·986	1·006	1·002	·990	·971	·942	·912	·889	·886	·926
12	·876	·888	·893	·915	·926	·932	·937	·931	·928	·918	·915	·900	·896	·905	·923	·953	0·970	0·968	·949	·920	·896	·864	·835	·816	·911
13	·812	·825	·835	·843	·858	·879	·878	·874	·857	·830	·810	·819	·839	·848	.876	·904	·922	·917	·902	·888	·857	·830	·805	·780	·854
14	·767	·784	·820	·844	·851	·882	·903	·889	·852	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·856	·867	·858	·861	·858	·883	·914	·924	·925	·919	·901	·878	·850	·830	·808	·864
16	·805	·811	·833	·861	·883	·893	·890	·880	·852	·834	·822	·814	·818	·835	·860	·884	·899	·895	·885	·860	·834	·802	·778	·768	·846
17	·758	·769	·779	·806	·826	·837	·831	·829	·812	·798	·790	·789	·800	·824	·838	·868	·878	·879	·866	·842	·813	·784	·767	·749	·814
18	·740	·745	·764	·789	·808	·832	·837	·839	·812	·793	·781	·780	·790	·805	·829	·843	·861	·866	·846	·828	·797	·759	·733	·708	·799
19	·704	·709	·729	·758	·781	·791	·789	·779	·773	·755	·744	·748	·764	·781	·787	·808	·827	·828	·814	·787	·752	·724	·712	·700	·764
20	·699	·712	·730	·741	·761	·795	·812	·792	·785	·774	·769	·769	·781	·789	·805	·830	·848	·842	·824	·799	·761	·725	·705	·699	·773
21	·685	·717	·740	·771	·790	·798	·803	·800	·792	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·766	·746	·749	·763	·779	·785	·810	·831	·839	·830	·805	·770	·732	·718	·713	·772
23	·716	·730	·732	·759	·771	·785	·793	·785	·775	·767	·766	·771	·787	·800	·810	·831	·848	·848	·841	·825	·799	·767	·760	·725	·783
24	·717	·740	·775	·793	·816	·827	·819	·815	·795	·786	·783	·787	·802	·812	·824	·841	·849	·842	·836	·813	·774	·755	·739	·719	·794
25	·717	·731	·740	·762	·787	·804	·803	·789	·777	·764	·758	·762	·777	·792	·816	·832	·835	·836	·830	·800	·766	·733	·707	·697	·776
26	·696	·705	·731	·753	·761	·775	·785	·780	·754	·737	·727	·726	·736	·779	·799	·824	·829	·822	·804	·776	·743	·710	·683	·676	·755
27	·667	·686	·710	·732	·747	·770	·773	·773	·756	·746	·742	·742	·754	·770	·790	·812	·818	·823	·812	·793	·772	·760	·741	·731	·759
28	·731	·757	·784	·820	·844	·875	·875	·867	·853	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·868	·889	·873	·868	·879	·895	·911	·926	·920	·909	·884	·870	·841	·817	·790	·856
30	·786	·786	·813	·841	·863	·885	·885	·862	·841	·815	·796	·785	·785	·806	·815	·834	·841	·846	·840	·825	·794	·768	·746	·735	·816
Means.	·773	·786	·807	·828	·847	·865	·866	·856	·841	·828	·821	·818	·827	·842	·862	·884	·899	·899	·888	·865	·837	·808	·787	·773	0·838

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means, and the small figures heading them are the corrections of interpolations.

BAROMETRIC PRESSURE.

Borometer at 32°=29 English Inches the + number in the Table.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. −·0029 *	In.	In. −·0063 *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
MAY 1855.																									
1	0·734	·0739	0·768	·0754	0·806	0·818	0·812	0·789	0·783	0·763	0·750	0·750	0·763	0·772	0·787	0·812	0·828	0·828	0·815	0·790	0·762	0·731	0·708	0·693	0·774
2	·691	·705	·723	·751	·780	·801	·824	·816	·810	·792	·781	·780	·791	·808	·828	·846	·864	·867	·868	·841	·821	·802	·781	·760	·797
3	·754	·768	·788	·819	·859	·876	·885	·869	·857	·838	·826	·822	·831	·843	·856	·871	·885	·883	·874	·867	·844	·822	·801	·788	·839
4	·777	·797	·820	·850	·875	·886	·887	·879	·853	·835	·824	·820	·828	·849	·845	·861	·868	·867	·852	·825	·798	·774	·754	·732	·831
5	·730	·753	·782	·794	·816	·831	·827	·806	·795	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·755	·722	·718	·726	·734	·756	·774	·780	·774	·743	·742	·714	·701	·698	·686	·757
7	·684	·691	·706	·723	·747	·770	·770	·763	·745	·736	·733	·732	·744	·758	·784	·808	·815	·808	·791	·772	·754	·729	·706	·700	·749
8	·698	·709	·735	·752	·775	·792	·799	·805	·803	·788	·780	·783	·798	·804	·835	·852	·854	·859	·845	·832	·813	·788	·772	·753	·793
9	·744	·754	·771	·796	·838	·848	·834	·828	·820	·816	·818	·819	·833	·845	·862	·876	·875	·874	·848	·818	·775	·752	·741	·730	·813
10	·722	·732	·750	·781	·791	·809	·818	·810	·808	·790	·779	·777	·787	·798	·827	·837	·843	·827	·806	·787	·758	·736	·707	·687	·782
11	·673	·693	·710	·736	·765	·783	·789	·785	·776	·754	·739	·739	·752	·760	·787	·825	·836	·826	·812	·786	·758	·738	·708	·684	·759
12	·676	·697	·728	·739	·773	·800	·804	·779	·773	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·761	·756	·754	·764	·780	·811	·828	·836	·836	·821	·801	·781	·746	·724	·707	·770
14	·705	·717	·729	·763	·798	·813	·824	·799	·774	·750	·732	·733	·746	·754	·774	·792	·799	·804	·794	·783	·764	·735	·723	·690	·762
15	·680	·697	·721	·736	·776	·804	·797	·781	·755	·729	·710	·720	·742	·751	·750	·784	·793	·789	·768	·753	·722	·701	·696	·669	·743
16	·669	·685	·699	·720	·737	·765	·768	·749	·739	·716	·699	·699	·712	·730	·743	·768	·774	·778	·766	·752	·727	·712	·683	·666	·728
17	·652	·665	·673	·727	·745	·755	·766	·749	·744	·738	·739	·736	·745	·754	·773	·774	·774	·766	·752	·739	·723	·702	·686	·653	·730
18	·646	·669	·693	·709	·733	·728	·745	·743	·718	·700	·688	·673	·670	·673	·692	·713	·731	·724	·712	·691	·661	·638	·621	·606	·691
19	599	·616	·634	·661	·676	·706	·694	·675	·668	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·703	·745	·745	·757	·766	·786	·802	·817	·803	·790	·766	·740	·712	·700	·692	·719
21	·698	·705	·716	·749	·764	·776	·786	·782	·768	·741	·720	·720	·732	·761	·781	·793	·821	·816	·799	·781	·748	·718	·694	·676	·752
22	·678	·685	·715	·727	·747	·752	·753	·742	·702	·696	·696	·693	·702	·722	·733	·746	·756	·764	·732	·712	·685	·656	·641	·627	·711
23	·629	·646	·652	·660	·669	·673	·681	·664	·655	·651	·653	·648	·655	·665	·689	·713	·720	·730	·727	·689	·665	·637	·601	·594	·665
24	·592	·603	·634	·659	·665	·672	·667	·659	·636	·630	·631	·636	·654	·661	·684	·706	·715	·716	·703	·679	·652	·611	·605	·593	·653
25	·596	·606	·636	·661	·682	·689	·684	·667	·653	·635	·624	·633	·654	·682	·688	·709	·713	·709	·691	·668	·644	·623	·605	·603	·656
26	·612	·632	·662	·679	·704	·714	·714	·705	·695	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·676	·661	·662	·675	·704	·725	·739	·758	·758	·743	·722	·695	·666	·642	·632	·691
28	·641	·647	·670	·694	·708	·718	·723	·713	·699	·686	·679	·682	·698	·721	·758	·772	·776	·774	·759	·740	·710	·683	·674	·667	·708
29	·689	·705	·729	·737	·770	·781	·780	·765	·752	·736	·727	·724	·734	·753	·786	·812	·827	·824	·808	·787	·763	·737	·722	·719	·757
30	·715	·728	·751	·766	·769	·781	·778	·768	·753	·735	·723	·720	·730	·740	·755	·770	·772	·769	·757	·725	·694	·668	·651	·632	·735
31	·636	·653	·668	·692	·706	·726	·722	·712	·700	·686	·678	·674	·682	·691	·720	·725	·733	·733	·708	·676	·652	·638	·621	·607	·685
Means.	·679	·692	·713	·736	·758	·773	·775	·763	·749	·735	·726	·726	·737	·751	·771	·780	·799	·797	·781	·760	·734	·709	·691	·676	0·742
JUNE 1855.										−·0029 *		−·0018 *													
1	0·615	0·623	0·643	0·663	0·673	0·706	0·715	0·710	0·691	0·650	0·671	0·666	0·670	0·684	0·718	0·741	0·746	0·743	0·731	0·710	0·694	0·667	0·650	0·657	0·686
2	·661	·670	·687	·724	·739	·745	·748	·748	·738	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·735	·738	·738	·747	·764	·778	·784	·789	·788	·763	·741	·713	·701	·676	·666	·733
4	·657	·674	·725	·728	·747	·762	·774	·771	·758	·728	·705	·714	·732	·751	·774	·776	·774	·759	·738	·716	·697	·680	·650	·633	·726
5	·649	·656	·676	·699	·720	·739	·737	·722	·689	·680	·678	·680	·691	·711	·729	·733	·736	·737	·712	·687	·666	·646	·621	·603	·692
6	·610	·619	·671	·690	·706	·708	·706	·696	·675	·659	·649	·652	·664	·692	·720	·727	·729	·716	·704	·683	·668	·639	·613	·604	·675
7	·603	·614	·630	·651	·664	·682	·687	·680	·665	·651	·644	·637	·639	·663	·680	·698	·702	·694	·680	·655	·641	·615	·591	·582	·652
8	·575	·602	·624	·652	·778	·693	·696	·677	·662	·649	·642	·641	·649	·661	·687	·713	·718	·719	·712	·683	·668	·646	·625	·620	·662
9	·628	·644	·666	·682	·709	·719	·732	·725	·721	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·722	·730	·728	·736	·761	·789	·804	·817	·816	·797	·766	·750	·731	·707	·692	·732
11	·683	·694	·709	·727	·748	·770	·780	·754	·754	·742	·737	·736	·744	·751	·772	·808	·834	·844	·818	·784	·768	·754	·752	·779	·760
12	·748	·766	·778	·786	·803	·822	·829	·827	·809	·785	·768	·767	·775	·783	·787	·808	·832	·839	·832	·801	·770	·748	·723	·700	·787
13	·694	·700	·706	·725	·742	·769	·782	·770	·753	·738	·729	·743	·766	·791	·794	·815	·842	·845	·820	·804	·781	·746	·719	·691	·761
14	·677	·694	·701	·719	·743	·772	·784	·774	·763	·757	·757	·758	·769	·783	·809	·822	·821	·811	·795	·772	·748	·723	·703	·688	·756
15	·694	·702	·714	·738	·758	·784	·804	·815	·801	·797	·799	·783	·776	·779	·793	·795	·814	·825	·800	·772	·752	·728	·708	·680	·767
16	·661	·677	·692	·711	·742	·753	·773	·755	·741	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·708	·681	·691	·710	·722	·743	·762	·782	·768	·753	·731	·712	·688	·666	·640	·719
18	·636	·646	·671	·683	·701	·716	·727	·717	·703	·699	·701	·698	·704	·715	·738	·755	·760	·753	·739	·723	·694	·668	·647	·622	·701
19	·622	·626	·655	·676	·700	·725	·733	·733	·730	·719	·714	·706	·708	·723	·737	·753	·761	·768	·750	·723	·699	·672	·651	·624	·705
20	·628	·641	·651	·671	·691	·706	·719	·717	·711	·697	·689	·688	·697	·708	·728	·744	·758	·762	·747	·734	·708	·679	·661	·664	·700
21	·664	·680	·708	·723	·734	·749	·764	·750	·725	·712	·706	·710	·724	·734	·741	·758	·760	·758	·728	·711	·705	·678	·667	·663	·719
22	·667	·692	·724	·728	·756	·770	·794	·791	·783	·765	·754	·750	·756	·760	·773	·774	·761	·760	·739	·724	·718	·689	·672	·664	·740
23	·660	·667	·692	·715	·739	·743	·756	·727	·707	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·701	·702	·702	·712	·725	·746	·764	·782	·793	·770	·739	·718	·697	·680	·667	·721
25	·669	·684	·727	·749	·764	·778	·788	·777	·776	·752	·735	·733	·741	·748	·755	·767	·770	·772	·764	·721	·696	·673	·655	·628	·734
26	·618	·633	·654	·683	·717	·725	·741	·727	·717	·692	·674	·675	·685	·692	·707	·725	·735	·724	·714	·697	·668	·642	·612	·584	·685
27	·573	·592	·602	·612	·630	·650	·649	·644	·634	·618	·609	·610	·621	·627	·645	·665	·675	·676	·660	·647	·626	·603	·580	·560	·625
28	·558	·565	·591	·608	·649	·664	·675	·659	·644	·630	·623	·627	·641	·651	·674	·690	·707	·719	·718	·699	·683	·665	·628	·605	·649
29	·582	·593	·623	·655	·687	·713	·735	·723	·719	·700	·688	·678	·678	·694	·725	·747	·766	·764	·768	·735	·720	·700	·677	·669	·697
Means.	·641	·654	·677	·696	·718	·735	·745	·736	·723	·709	·701	·701.	·709	·723	·742	·757	·767	·766	·750	·726	·707	·683	·661	·647	0·711

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means, and the small figures heading them are the corrections of interpolations.

BAROMETRIC PRESSURE.

Barometer at 32° = 29 English Inches + the number in the Table.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. -·0020 *	In.	In. -·0035 *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
June. 30	0·686	0·700	0·709	0·721	0·717	0·764	0·768	0·744	0·740	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JULY 1855. 1	—	—	—	—	—	—	—	—	—	0·728	0·720	0·711	0·709	0·723	0·743	0·769	0·771	0·764	0·749	0·715	0·681	0·649	0·617	0·616	0·719
2	·612	·621	·631	·647	·677	·673	·683	·688	·681	·675	·673	·679	·693	·707	·724	·726	·744	·735	·716	·686	·655	·641	·626	·616	·675
3	·618	·634	·654	·673	·680	·712	·732	·717	·712	·707	·706	·715	·731	·739	·765	·777	·791	·795	·779	·768	·752	·730	·714	·708	·721
4	·704	·720	·746	·765	·785	·808	·808	·801	·794	·781	·773	·776	·786	·799	·828	·837	·846	·846	·832	·814	·790	·776	·762	·752	·789
5	·749	·755	·776	·803	·820	·843	·857	·843	·814	·808	·806	·807	·816	·830	·849	·867	·872	·868	·858	·830	·808	·774	·747	·730	·814
6	·725	·748	·751	·771	·787	·816	·834	·813	·804	·800	·800	·796	·800	·791	·802	·809	·826	·835	·827	·806	·773	·739	·717	·702	·786
7	·706	·716	·725	·749	·771	·776	·779	·791	·777	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·748	·724	·715	·713	·721	·742	·764	·773	·770	·760	·739	·713	·688	·657	·645	·736
9	·667	·681	·710	·736	·749	·743	·761	·752	·732	·724	·721	·722	·730	·735	·753	·766	·781	·781	·771	·743	·717	·694	·676	·659	·729
10	·649	·658	·676	·702	·720	·730	·739	·727	·721	·709	·701	·703	·713	·729	·751	·768	·777	·774	·751	·736	·706	·670	·648	·624	·712
11	·614	·613	·636	·659	·677	·703	·709	·706	·701	·689	·681	·683	·692	·698	·711	·730	·741	·731	·729	·718	·693	·672	·643	·625	·686
12	·620	·636	·655	·675	·698	·719	·727	·709	·701	·700	·700	·704	·716	·733	·758	·772	·786	·789	·782	·764	·739	·711	·690	·677	·715
13	·668	·679	·704	·738	·805	·814	·841	·801	·793	·787	·785	·781	·784	·791	·826	·837	·849	·849	·837	·825	·797	·778	·754	·725	·785
14	·759	·748	·764	·788	·820	·855	·883	·866	·836	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·806	·780	·763	·754	·762	·766	·780	·799	·803	·802	·794	·775	·747	·714	·694	·786
16	·678	·676	·688	·706	·731	·747	·761	·730	·707	·701	·700	·690	·688	·701	·717	·736	·751	·747	·726	·714	·698	·669	·644	·637	·706
17	·651	·687	·678	·705	·713	·733	·753	·747	·735	·715	·699	·701	·711	·731	·754	·764	·779	·783	·774	·752	·723	·698	·672	·649	·721
18	·649	·678	·688	·717	·756	·737	·700	·744	·737	·730	·727	·730	·740	·754	·767	·784	·790	·794	·787	·764	·746	·714	·685	·665	·735
19	·662	·667	·687	·735	·741	·761	·761	·748	·725	·719	·717	·718	·727	·744	·770	·779	·785	·786	·773	·758	·730	·689	·657	·639	·728
20	·630	·645	·679	·711	·748	·770	·751	·740	·723	·717	·715	·716	·725	·757	·779	·787	·798	·803	·785	·762	·735	·716	·694	·693	·732
21	·693	·719	·736	·778	·800	·826	·811	·805	·799	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·787	·779	·780	·789	·795	·815	·831	·843	·841	·823	·809	·780	·750	·726	·708	·784
23	·700	·708	·718	·735	·749	·757	·754	·736	·727	·724	·725	·724	·731	·741	·755	·775	·779	·775	·762	·738	·717	·692	·657	·635	·730
24	·639	·649	·675	·697	·709	·728	·725	·723	·707	·703	·703	·706	·716	·735	·746	·769	·778	·770	·763	·736	·710	·683	·659	·649	·712
25	·638	·660	·673	·699	·717	·734	·753	·741	·719	·708	·702	·706	·717	·722	·730	·755	·767	·770	·762	·745	·715	·680	·656	·642	·713
26	·649	·670	·704	·723	·741	·764	·774	·756	·740	·736	·736	·730	·731	·751	·762	·786	·808	·808	·800	·774	·754	·720	·698	·685	·742
27	·679	·697	·715	·733	·761	·781	·786	·786	·766	·753	·744	·746	·756	·766	·787	·793	·808	·809	·793	·779	·754	·723	·693	·682	·754
28	·673	·701	·726	·749	·768	·791	·803	·795	·782	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·761	·745	·737	·737	·751	·771	·783	·787	·783	·775	·745	·719	·697	·681	·661	·747
30	·671	·678	·690	·711	·746	·767	·773	·761	·751	·734	·722	·726	·737	·750	·770	·784	·798	·800	·781	·766	·735	·707	·683	·677	·738
31	·690	·702	·709	·750	·752	·760	·761	·746	·735	·726	·721	·719	·725	·740	·760	·777	·785	·793	·785	·760	·732	·702	·683	·685	·737
Means.	·670	·683	·700	·725	·747	·763	·772	·760	·747	·736	·730	·729	·736	·748	·767	·782	·793	·793	·781	·761	·735	·708	·683	·669	0.738
										-·0016 *		-·0030 *													
AUGUST 1855. 1	0·664	0·701	0·736	0·776	0·781	0·826	0·813	0·803	0·799	0·771	0·754	0·749	0·750	0·775	0·795	0·816	0·823	0·825	0·841	0·798	0·763	0·731	0·703	0·688	0·769
2	·690	·705	·721	·746	·759	·769	·781	·771	·740	·734	·733	·734	·740	·750	·769	·791	·804	·807	·789	·759	·729	·693	·661	·644	·742
3	·639	·647	·681	·731	·757	·760	·743	·728	·709	·696	·688	·691	·699	·720	·755	·773	·778	·768	·756	·727	·696	·669	·640	·634	·712
4	·634	·653	·676	·703	·728	·757	·757	·719	·708	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·706	·709	·711	·719	·745	·762	·781	·780	·770	·756	·738	·722	·692	·667	·661	·719
6	·662	·680	·695	·716	·746	·758	·763	·745	·724	·711	·702	·708	·720	·733	·762	·774	·778	·770	·754	·730	·691	·679	·658	·644	·721
7	·640	·646	·672	·696	·713	·719	·720	·706	·690	·680	·671	·673	·678	·695	·723	·744	·751	·750	·735	·709	·683	·655	·639	·623	·692
8	·615	·634	·646	·676	·695	·703	·703	·689	·684	·678	·676	·674	·678	·697	·719	·739	·747	·745	·727	·708	·685	·654	·640	·638	·685
9	·638	·655	·670	·703	·723	·730	·734	·720	·710	·704	·702	·711	·725	·736	·756	·775	·783	·791	·771	·757	·744	·721	·717	·710	·724
10	·708	·721	·744	·768	·798	·829	·835	·828	·817	·799	·786	·793	·806	·820	·851	·880	·881	·873	·765	·840	·803	·786	·773	·759	·807
11	·759	·785	·810	·835	·853	·870	·872	·864	·854	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·814	·778	·768	·764	·785	·810	·840	·870	·875	·864	·852	·829	·809	·800	·777	·822
13	·771	·779	·811	·823	·863	·867	·867	·864	·857	·835	·818	·812	·811	·825	·852	·864	·881	·883	·879	·857	·824	·786	·774	·775	·832
14	·777	·789	·843	·843	·871	·881	·883	·881	·864	·852	·844	·847	·856	·862	·886	·917	·938	·917	·897	·869	·839	·821	·809	·799	·858
15	·807	·828	·837	·869	·876	·884	·883	·880	·869	·856	·847	·844	·847	·852	·880	·893	·913	·897	·882	·850	·818	·789	·774	·758	·851
16	·762	·782	·798	·816	·839	·859	·841	·841	·831	·817	·808	·815	·827	·829	·837	·877	·889	·884	·864	·840	·800	·771	·755	·732	·821
17	·747	·759	·777	·811	·817	·838	·842	·827	·809	·800	·795	·791	·792	·800	·819	·843	·855	·841	·822	·796	·769	·745	·724	·708	·797
18	·703	·724	·733	·755	·784	·802	·787	·781	·775	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·766	·762	·768	·779	·790	·805	·824	·834	·833	·820	·786	·764	·732	·727	·726	·773
20	·727	·743	·752	·769	·778	·789	·788	·784	·775	·760	·750	·753	·762	·779	·788	·814	·821	·820	·806	·784	·766	·743	·719	·715	·770
21	·712	·725	·743	·758	·776	·803	·805	·798	·783	·757	·736	·729	·728	·738	·758	·777	·787	·791	·780	·753	·728	·691	·680	·661	·750
22	·650	·661	·689	·704	·726	·746	·756	·742	·729	·717	·709	·708	·713	·727	·734	·762	·760	·753	·748	·726	·703	·685	·659	·634	·714
23	·630	·659	·692	·710	·745	·779	·768	·741	·733	·719	·709	·708	·712	·726	·763	·787	·809	·808	·806	·779	·758	·712	·703	·702	·736
24	·706	·715	·746	·775	·792	·809	·812	·806	·799	·773	·752	·754	·761	·769	·790	·815	·830	·828	·812	·790	·755	·706	·691	·683	·770
25	·684	·712	·721	·803	·777	·795	·798	·780	·766	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·728	·695	·701	·712	·728	·744	·770	·777	·765	·754	·731	·708	·682	·665	·651	·735
27	·652	·663	·684	·724	·749	·760	·780	·761	·741	·723	·710	·698	·691	·709	·717	·738	·764	·764	·744	·730	·706	·673	·659	·644	·716
28	·643	·655	·668	·679	·727	·730	·733	·726	·717	·702	·692	·697	·708	·711	·725	·748	·762	·767	·752	·732	·703	·690	·663	·648	·707
29	·647	·663	·685	·719	·721	·741	·737	·725	·708	·698	·692	·694	·702	·709	·725	·740	·750	·753	·745	·725	·697	·666	·652	·644	·706
30	·643	·657	·679	·709	·728	·746	·750	·746	·742	·730	·722	·726	·736	·743	·764	·785	·802	·796	·782	·764	·726	·696	·676	·665	·730
31	·668	·677	·685	·719	·741	·774	·776	·782	·773	·752	·736	·735	·740	·739	·754	·775	·779	·778	·771	·745	·702	·674	·668	·663	·734
Means.	·689	·705	·725	·753	·773	·790	·790	·779	·767	·751	·740	·740	·746	·759	·779	·802	·813	·809	·796	·773	·745	·716	·700	·688	0·755

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means, and the small figures heading them are the corrections of interpolations.

BAROMETRIC PRESSURE.

Barometer at 32° = 29 English Inches + the number in the Table.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4·41	h. m. 5·41	h. m. 6·41	h. m. 7·41	h. m. 8·41	h. m. 9·41	h. m. 10·41	h. m. 11·41	h. m. 12·41	h. m. 13·41	h. m. 14·41	h. m. 15·41	h. m. 16·41	h. m. 17·41	h. m. 18·41	h. m. 19·41	h. m. 20·41	h. m. 21·41	h. m. 22·41	h. m. 23·41	h. m. 0·41	h. m. 1·41	h. m. 2·41	h. m. 3·41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
										−·0027 ✱		−·0057 ✱													
SEPTEMBER 1855. 1	0·648	0·676	0·685	0·719	0·742	0·770	0·780	0·761	0·743	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·762	0·787	0·783	0·791	0·807	0·819	0·827	0·840	0·832	0·834	0·796	0·752	0·724	0·705	0·696	0·760
3	·697	·717	·738	·767	·802	·820	·823	·812	·805	·794	·790	·788	·798	·823	·841	·854	·858	·848	·840	·819	·774	·743	·731	·727	·792
4	·738	·745	·754	·778	·803	·827	·831	·827	·810	·783	·762	·768	·785	·805	·827	·849	·867	·871	·855	·830	·797	·760	·739	·723	·797
5	·735	·750	·775	·783	·806	·824	·827	·815	·793	·787	·788	·782	·787	·808	·811	·835	·841	·836	·826	·791	·765	·731	·704	·793	·787
6	·699	·716	·733	·776	·800	·805	·808	·795	·799	·784	·775	·778	·792	·804	·827	·841	·850	·856	·832	·800	·760	·729	·714	·702	·782
7	·703	·717	·730	·764	·798	·808	·804	·801	·788	·775	·769	·771	·785	·790	·817	·842	·856	·856	·832	·810	·781	·750	·731	·721	·783
8	·719	·712	·759	·803	·833	·859	·879	·872	·866	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·829	·798	·801	·815	·829	·846	·872	·891	·887	·879	·856	·825	·785	·772	·758	·823
10	·765	·780	·802	·833	·853	·878	·878	·878	·881	·876	·878	·867	·868	·905	·937	·936	·947	·946	·939	·908	·890	·848	·830	·814	·872
11	·807	·825	·838	·865	·884	·902	·907	·903	·893	·873	·859	·856	·864	·894	·902	·930	·948	·950	·934	·898	·868	·823	·801	·800	·876
12	·810	·817	·837	·878	·894	·910	·908	·895	·882	·861	·847	·859	·883	·893	·898	·918	·938	·924	·899	·878	·845	·828	·803	·804	·871
13	·803	·826	·837	·872	·893	·910	·915	·910	·902	·889	·883	·891	·911	·892	·886	·899	·901	·910	·906	·891	·869	·837	·824	·816	·878
14	·823	·837	·864	·873	·898	·899	·917	·897	·891	·876	·868	·864	·871	·883	·900	·923	·928	·926	·923	·900	·866	·834	·811	·799	·878
15	·795	·811	·835	·839	·860	·869	·876	·861	·847	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·826	·812	·811	·822	·826	·833	·856	·867	·869	·854	·832	·803	·768	·749	·743	·828
17	·747	·765	·792	·814	·821	·840	·840	·830	·815	·806	·804	·800	·807	·824	·846	·879	·891	·879	·866	·834	·809	·780	·755	·745	·816
18	·749	·761	·773	·788	·804	·814	·821	·811	·807	·803	·805	·804	·815	·833	·850	·874	·874	·861	·854	·815	·789	·766	·740	·726	·806
19	·733	·746	·768	·795	·814	·826	·809	·789	·785	·780	·781	·777	·785	·791	·814	·837	·835	·832	·820	·797	·769	·740	·724	·720	·786
20	·714	·728	·754	·787	·804	·829	·827	·812	·811	·802	·800	·796	·804	·819	·839	·859	·862	·857	·842	·811	·784	·750	·726	·725	·798
21	·720	·733	·754	·774	·801	·816	·813	·810	·797	·789	·788	·780	·784	·796	·824	·841	·853	·852	·832	·815	·772	·745	·721	·737	·789
22	·745	·757	·785	·803	·830	·840	·831	·825	·821	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·800	·785	·781	·788	·804	·825	·849	·856	·844	·830	·799	·768	·730	·700	·677	·795
24	·689	·709	·743	·779	·804	·818	·821	·812	·803	·793	·789	·784	·791	·800	·770	·797	·825	·844	·843	·825	·793	·762	·742	·728	·786
25	·735	·754	·791	·823	·841	·847	·835	·827	·820	·801	·788	·786	·795	·812	·847	·867	·877	·872	·868	·841	·820	·789	·767	·767	·815
26	·777	·790	·816	·838	·876	·885	·883	·873	·859	·846	·840	·833	·838	·849	·869	·886	·896	·899	·882	·855	·826	·803	·779	·775	·845
27	·771	·782	·809	·839	·861	·889	·885	·872	·851	·843	·842	·828	·826	·830	·843	·864	·871	·867	·854	·825	·812	·776	·757	·737	·831
28	·740	·761	·788	·825	·842	·865	·857	·841	·828	·812	·803	·781	·771	·795	·821	·842	·870	·868	·844	·820	·783	·763	·748	·727	·808
29	·735	·760	·787	·821	·828	·841	·833	·812	·792	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·766	·747	·740	·744	·766	·784	·812	·843	·853	·841	·814	·774	·732	·719	·725	·786
Means.	·744	·759	·782	·809	·832	·848	·848	·837	·828	·814	·808	·804	·813	·827	·843	·864	·875	·874	·861	·834	·803	·772	·752	·743	0·816
										−·0057 ✱		−·0047 ✱													
OCTOBER 1855. 1	0·742	0·751	0·778	0·810	0·831	0·849	0·843	0·834	0·819	0·804	0·798	0·792	0·796	0·807	0·819	0·839	0·849	0·856	0·839	0·816	0·773	0·757	0·745	0·780	0·806
2	·793	·802	·826	·869	·907	·907	·884	·882	·865	·852	·847	·841	·844	·863	·877	·885	·899	·903	·887	·882	·830	·816	·801	·799	·856
3	·814	·830	·859	·882	·899	·908	·893	·885	·866	·852	·846	·839	·841	·856	·879	·892	·899	·900	·884	·855	·816	·784	·776	·770	·855
4	·770	·801	·817	·839	·858	·861	·859	·835	·829	·812	·803	·799	·805	·830	·848	·868	·892	·892	·886	·855	·821	·792	·773	·765	·830
5	·755	·762	·787	·820	·835	·849	·847	·846	·818	·798	·787	·787	·797	·806	·828	·854	·873	·881	·868	·856	·816	·793	·779	·803	·819
6	·784	·796	·819	·843	·868	·881	·885	·864	·848	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·792	·745	·738	·741	·753	·793	·813	·832	·835	·822	·800	·762	·729	·710	·704	·798
8	·709	·721	·743	·766	·791	·799	·791	·766	·760	·741	·730	·722	·723	·739	·745	·769	·794	·803	·790	·752	·723	·693	·663	·654	·745
9	·661	·677	·710	·744	·757	·763	·763	·734	·732	·720	·716	·718	·730	·738	·764	·788	·809	·825	·809	·792	·769	·732	·714	·708	·745
10	·723	·733	·770	·791	·805	·817	·809	·790	·779	·767	·764	·761	·768	·775	·800	·832	·847	·856	·844	·838	·798	·771	·744	·741	·788
11	·756	·763	·790	·812	·828	·843	·836	·830	·804	·788	·780	·793	·816	·831	·847	·835	·851	·857	·853	·841	·818	·784	·765	·753	·811
12	·756	·768	·796	·839	·851	·865	·857	·843	·820	·806	·800	·798	·805	·836	·861	·888	·900	·903	·886	·864	·842	·830	·806	·793	·834
13	·803	·823	·846	·870	·886	·893	·900	·891	·863	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·856	·857	·850	·853	·863	·890	·904	·915	·915	·893	·878	·841	·815	·807	·802	·863
15	·807	·818	·831	·849	·877	·890	·888	·885	·873	·856	·848	·850	·861	·870	·891	·912	·925	·922	·899	·865	·841	·804	·784	·776	·859
16	·788	·802	·823	·847	·882	·881	·883	·868	·848	·829	·819	·821	·832	·846	·867	·896	·909	·915	·895	·869	·834	·807	·779	·765	·846
17	·758	·776	·813	·841	·869	·878	·867	·834	·813	·798	·792	·799	·816	·829	·858	·876	·891	·891	·880	·841	·807	·794	·775	·771	·826
18	·764	·778	·803	·841	·864	·861	·837	·820	·810	·798	·794	·789	·793	·798	·832	·851	·861	·864	·840	·802	·776	·739	·732	·726	·808
19	·730	·748	·764	·802	·834	·836	·829	·815	·790	·784	·787	·781	·785	·793	·827	·848	·854	·853	·834	·814	·783	·752	·738	·735	·797
20	·761	·772	·815	·846	·850	·870	·864	·852	·846	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·857	·877	·882	·897	·911	·947	·972	·992	·992	·984	·954	·922	·891	·867	·863	·887
22	·873	·898	·927	·951	·973	·964	·956	·948	·934	·922	·918	·927	·945	·955	·974	·979	·990	·994	·979	·947	·908	·870	·862	·873	·936
23	·886	·895	·906	·937	·951	·946	·930	·909	·883	·872	·870	·871	·882	·892	·905	·920	·937	·945	·933	·888	·867	·832	·838	·841	·897
24	·854	·857	·884	·869	·895	·897	·887	·882	·887	·848	·837	·835	·846	·866	·895	·909	·933	·938	·923	·888	·852	·829	·813	·814	·873
25	·830	·839	·867	·894	·911	·928	·930	·924	·916	·900	·893	·894	·905	·932	·953	·981	·991	·997	·975	·949	·913	·877	·848	·842	·912
26	·850	·878	·898	·927	·950	·958	·957	·938	·936	·920	·912	·918	·934	·937	·955	·971	·984	·994	·979	·934	·904	·876	·855	·855	·926
27	·860	·879	·898	·929	·959	·991	·955	·930	·903	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·913	·931	·934	·947	·959	·977	·993	1·008	1·008	·992	·963	·930	·900	·887	·884	·939
29	·895	·917	·936	·966	·976	·979	·975	·965	·952	·934	·925	·923	·930	·936	·956	·968	0·972	0·969	·951	·926	·898	·883	·873	·879	·937
30	·887	·905	·926	·948	·959	·976	·964	·958	·938	·927	·924	·918	·922	·938	·961	·984	·999	1·004	·990	·964	·935	·910	·895	·893	·943
31	·902	·918	·938	·958	·971	·976	·971	·955	·941	·924	·921	·914	·917	·937	·962	·975	·994	·004	·986	·958	·938	·907	·896	·900	·944
Means.	·797	·811	·836	·863	·883	·891	·884	·870	·854	·840	·834	·833	·842	·855	·878	·896	·911	·915	·900	·873	·841	·814	·797	·796	0·855

✱ The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means, and the small figures heading them are the corrections of interpolations.

BAROMETRIC PRESSURE.

Barometer at 32° = 29 English Inches + the number in the Table.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. −·0034 *	In.	In. −·0059 *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
NOVEMBER 1855.																									
1	0·912	0·931	0·947	0·961	0·973	0·977	0·965	0·952	0·919	0·898	0·881	0·866	0·863	0·893	0·925	0·943	0·971	0·962	0·942	0·923	0·876	0·854	0·857	0·872	0.919
2	·876	·888	·904	·939	·958	·961	·951	·932	·911	·884	·860	·856	·864	·881	·898	·924	·946	·932	·901	·874	·858	·831	·826	·837	·895
3	·845	·861	·882	·902	·915	·917	·912	·893	·884	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·890	·877	·877	·888	·915	·925	·943	·968	·973	·956	·929	·906	·890	·873	·877	·904
5	·887	·909	·928	·948	·960	·963	·954	·936	·932	·917	·906	·905	·915	·926	·943	·958	·975	·980	·967	·940	·915	·887	·872	·877	·929
6	·888	·905	·929	·951	·969	·984	·977	·962	·939	·928	·920	·919	·930	·943	·964	·988	1·005	1·018	·998	·974	·951	·928	·913	·909	·950
7	·916	·921	·941	·968	·996	·988	·980	·963	·953	·941	·932	·931	·942	·953	·973	·989	·009	·011	·995	·966	·937	·912	·891	·890	·954
8	·908	·945	·952	·984	·990	·984	·980	·963	·955	·924	·896	·899	·913	·945	·964	·982	·003	·000	·990	·963	·930	·904	·890	·888	.948
9	·893	·915	·948	·970	·986	·988	·978	·967	·949	·932	·318	·916	·925	·937	·961	·994	·018	·017	1·009	·983	·953	·926	·912	·920	·955
10	·931	·952	·973	1·002	1·015	1·030	1·026	1·021	·997	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·985	·978	·974	·982	1·000	1·011	1·033	·057	·046	·031	1·002	·969	·939	·924	·919	·992
12	·932	·941	·963	0·985	0·990	0·993	0·991	0·983	·964	·946	·932	·929	·937	0·956	0·976	0·997	·011	·014	0·996	0·976	·944	·924	·908	·904	·962
13	·911	·927	·950	·969	·977	·986	·973	·965	·939	·929	·923	·916	·921	·932	·956	·980	·005	·004	·990	·970	·944	·925	·923	·913	·951
14	·930	·945	·974	·996	1·010	1·014	1·005	·998	·980	·969	·962	·959	·968	·984	1·001	1·030	·055	·055	1·041	1·014	·982	·952	·942	·938	·988
15	·949	·956	·992	1·015	·021	·025	·022	1·006	1·002	·986	·974	·964	·966	·990	·017	·025	·053	·055	·037	·009	·974	·942	·927	·925	·993
16	·931	·944	·964	0·980	·000	·011	·007	0·994	0·989	·972	·958	·956	·965	·981	·002	·021	·043	·051	·028	0·990	·969	·934	·927	·936	·982
17	·950	·957	·980	1·004	·015	·016	·013	1·003	·987	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·958	·933	·935	·949	·965	0·985	·016	·031	030	·011	·990	·957	·930	·919	·914	·977
19	·924	·943	·962	0·976	0·989	0·990	0·970	0·968	·963	·950	·941	·940	·950	·968	·987	·005	·023	·027	·009	·985	·952	·934	·920	·926	·967
20	·935	·958	·976	1·007	1·037	1·030	1·024	1·000	·990	·976	·966	·965	·975	·985	1·009	·042	·059	·062	·056	1·033	1·004	·987	·972	·969	1·001
21	·978	·996	1·015	·040	·061	·071	·064	·044	1·023	1·014	1·008	·998	1·000	1·030	·047	·069	·087	·096	·087	·056	·025	1·001	·989	·994	·033
22	1·000	1·008	·029	·061	·080	·085	·079	·064	·043	·033	·027	1·018	·020	·032	·057	·079	·101	·097	·084	·056	·032	·006	·990	1·002	·045
23	·013	·031	·058	·070	·088	·097	·091	·072	·060	·040	·023	·015	·018	·049	·067	·093	·114	·113	·108	·085	·049	·011	·992	0·986	·056
24	0·993	·002	·027	·061	·073	·090	·080	·077	·062	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·040	·023	·023	·034	·046	·059	·087	·106	·111	·105	·086	·061	·038	1·017	1·013	·055
26	1·018	·025	·050	·078	·089	·095	·104	·092	·067	·055	·046	·046	·058	·071	·084	·100	·114	·113	·098	·065	·038	·023	·015	·011	·065
27	·022	·037	·057	·081	·095	·103	·096	·082	·065	·045	·028	·015	·013	·033	·054	·085	·100	·100	·085	·054	·032	·012	0·998	·000	·054
28	·016	·036	·052	·089	·093	·101	·095	·082	·062	·016	·033	·020	·018	·046	·070	·096	·115	·107	·071	·059	·020	0·994	·986	0·983	·054
29	0·995	·010	·024	·054	·063	·062	·069	·046	·031	·007	0·987	0·976	0·977	0·994	·012	·039	·058	·061	·033	·004	0·983	·962	·949	·957	·015
30	·976	0·990	·005	·023	·027	·029	·027	0·998	0·968	0·951	·937	·928	·930	·950	0·967	0·987	·001	0·996	0·982	0·945	·923	·901	·897	·909	0,969
Means.	·943	·959	·980	·005	·018	·023	·017	·003	·986	·970	·957	·952	·958	·977	·997	·019	·040	·040	·023	·998	·969	·944	·932	·933	0·985
DECEMBER 1855.										−·0013 *		−·0060 *													
1	0·930	0·953	0·966	0·991	1·007	1·009	0·989	0·974	0·956	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·953	0·953	0·945	0·949	0·978	1·006	1·022	1·041	1·051	1·041	1·009	0·994	0·967	0·949	0·964	0·982
3	·973	·994	1·029	1·053	·070	·071	1·065	1·036	1·013	1·001	·991	·981	·983	1·008	·026	·056	·068	·062	·040	·006	·978	·958	·949	·954	1·015
4	·967	·985	·011	·044	·051	·052	·043	·030	·005	0·992	·980	·980	·991	·012	·031	·051	·062	·053	·035	0·996	·970	·945	·933	·937	·007
5	·955	·966	0·997	·030	·051	·051	·049	·036	·014	·983	·954	·961	·979	·002	·012	·042	·047	·050	·047	1·020	·995	·973	·963	·961	·006
6	·959	·972	·991	·013	·026	·020	·011	0·999	0·990	·974	·959	·953	·959	0·979	0·996	·007	·032	·039	·027	0·993	·972	·945	·934	·931	0·987
7	·943	·962	·982	·010	·018	·027	·023	1·012	1·001	·985	·970	·969	·979	·987	·994	·013	·033	·036	·027	1·003	·983	·961	·951	·952	·993
8	·961	·982	1·005	·023	·031	·045	·041	·029	·008	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·980	·954	·965	·987	·991	1·006	·028	·053	·058	·049	·027	·991	·967	·953	·953	1·004
10	·961	·972	0·981	·000	·018	·031	·034	·013	·011	·994	·979	·980	·992	1·006	·023	·050	·074	·073	·056	·028	1·005	·989	·974	·970	·009
11	·977	·986	1·007	·034	·052	·059	·056	·043	·029	1·018	1·008	1·001	1·006	·020	·038	·061	·077	·080	·068	·042	·008	·984	·978	·966	·025
12	·981	1·003	·015	·037	·047	·052	·036	·010	0·983	0·963	0·944	0·941	0·949	0·968	0·982	·011	·020	·030	·020	0·992	0·961	·933	·914	·913	0·988
13	·925	0·942	0·951	0·971	0·991	0·987	0·978	0·972	·963	·953	·945	·946	·959	·978	1·001	·028	·053	·054	·044	1·013	·985	·953	·940	·939	·978
14	·944	·953	·976	·999	1·010	1·014	·995	·989	·973	·968	·964	·963	·973	·998	·007	·049	·071	·071	·056	·032	1·004	·974	·956	·947	·995
15	·964	·976	1·008	1·035	·046	·051	1·046	1·024	1·020	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	1·004	·995	·993	1·003	1·022	·049	·073	·097	·101	·091	·057	·013	·991	·966	·964	1·024
17	·974	·989	·007	·034	·053	·054	·050	·012	·022	·017	1·013	1·008	·015	·034	·052	·081	·104	·107	·094	·063	·032	1·001	·996	·999	·035
18	1·005	1·029	·054	·068	·086	·095	·094	·078	·070	·053	·037	·037	·049	·060	·081	·106	·120	·117	·093	·061	·028	·001	·993	·991	·059
19	0·999	·009	·049	·062	·081	·080	·080	·077	·068	·059	·052	·035	·030	·057	·080	·098	·111	·104	·097	·068	·043	·011	·997	·995	·056
20	1·007	·031	·045	·070	·085	·093	·090	·075	·049	·041	·035	·034	·044	·059	·072	·102	·112	·104	·095	·065	·035	·008	·994	·982	·055
21	0·995	·008	·031	·059	·064	·073	·067	·059	·043	·027	·012	·005	·009	·016	·036	·058	·069	·066	·053	·018	0·988	0·962	·950	·956	·026
22	·961	0·967	0·987	·012	·026	·025	·015	·006	0·987	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	0·956	0·928	0·922	0·927	0·940	0·967	0·989	·007	·010	·002	0·975	·948	·920	·910	·916	0·971
24	·933	·948	·962	0·985	·002	0·999	0·993	0·977	·964	·960	·957	·949	·953	·971	·989	1·020	·017	·026	·016	1·004	·977	·963	·946	·942	·978
25	·950	·962	·983	1·005	·026	1·027	1·021	1·003	·994	·987	·982	·975	·979	·996	1·013	·032	·059	·061	·046	·026	·998	·978	·966	·970	1·002
26	·977	·989	1·018	·034	·048	·050	·024	·010	·991	·979	·968	·960	·963	·991	0·995	·021	·036	·040	·020	·005	·972	·951	·940	·935	0·997
27	·948	·961	0·980	·006	·027	·022	·015	·012	·989	·985	·983	·976	·980	·991	1·008	·031	·047	·046	·041	·010	·980	·948	·938	·943	·995
28	·945	·961	·986	0·997	·005	·013	0·997	0·998	·972	·947	·924	·917	·921	·938	0·964	·004	·018	·018	·015	0·994	·960	·919	·903	·906	·968
29	·920	·926	·950	·971	0·991	0·998	·981	·957	·933	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·914	·898	·897	·907	·927	·959	0·987	008	·016	·012	·991	·976	·945	·935	·946	·956
31	·954	·969	,989	1·014	1·031	1·037	1·022	1·009	·989	·974	·961	·959	·968	·980	1·009	1·046	·064	·064	·055	1·032	·999	·978	·971	·975	1·002
Means.	·962	·977	·998	·021	·036	·040	·031	·018	·001	·987	·975	·971	·979	·997	·015	·041	·058	·059	·048	·020	·992	·966	·954	·954	1·004

* The numbers in those columns are not observed but interpolated for the sake of obtaining the daily Means, and the small figures heading them are the corrections of interpolations.

DRY THERMOMETER (STANDARD).

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	o	o	o	o	o	o	o	o	o	o *	o	o *	o	o	o	o	o	o	o	o	o	o	o	o	o
JANUARY 1855.																									
1	76·6	77·0	76·0	75·9	75·7	75·3	75·2	74·6	73·5	72·9	72·3	72·3	72·3	71·7	71·5	73·0	75·3	77·3	79·7	80·0	80·4	80·5	80·3	80·5	75·9
2	79·0	77·9	77·4	77·2	77·0	76·7	76·1	75·4	75·1	75·3	75·6	75·5	75·3	76·0	75·7	75·7	75·3	76·7	78·3	79·9	80·3	80·3	80·5	78·3	77·1
3	77·7	77·0	76·5	76·2	76·0	75·6	75·6	75·5	75·3	75·0	74·7	74·7	74·7	73·6	73·4	74·5	76·0	77·5	80·4	80·9	81·3	82·3	82·0	81·5	77·0
4	80·5	79·0	78·2	77·9	77·8	77·4	77·2	76·8	76·5	76·2	75·9	75·7	73·5	75·4	75·3	76·7	79·2	79·9	82·1	83·4	82·0	82·0	82·0	81·9	78·5
5	80·6	79·4	78·6	76·8	76·4	76·4	76·0	75·6	75·6	75·2	74·9	74·7	74·4	73·8	73·8	75·7	78·1	80·4	77·0	76·5	78·5	80·8	81·8	81·6	77·2
6	80·0	78·5	77·2	77·0	76·2	76·4	76·2	75·6	75·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	76·1	76·0	75·9	75·7	73·5	75·7	77·4	79·6	81·5	82·8	84·8	85·2	84·7	84·1	83·7	76·8
8	82·3	80·7	79·4	79·1	78·3	78·2	77·6	77·3	76·6	76·5	76·3	76·0	75·6	76·0	76·4	77·3	79·4	81·4	83·4	83·9	84·4	84·4	84·2	84·0	79·5
9	82·5	80·8	79·6	79·3	78·9	78·0	77·3	76·4	75·6	75·2	75·0	75·0	75·0	74·2	74·2	76·5	79·3	81·0	83·0	83·6	83·3	83·7	83·1	83·3	78·9
10	82·2	80·7	78·6	77·7	76·8	76·7	76·2	75·3	74·5	74·1	73·7	73·7	73·6	73·6	73·9	75·8	78·6	81·4	82·8	84·3	84·5	84·0	84·2	83·8	78·4
11	82·8	80·3	79·3	78·5	78·1	78·0	77·8	77·0	76·2	75·2	74·3	74·0	73·6	73·6	73·0	75·3	77·6	80·0	82·0	83·8	85·3	84·6	84·2	83·7	78·7
12	82·5	80·7	78·9	78·4	78·3	78·0	77·4	76·7	76·1	75·5	75·0	74·7	74·3	74·0	73·5	75·5	78·0	80·3	81·9	83·4	84·4	85·2	85·0	85·0	78·9
13	83·7	82·0	79·7	79·3	78·1	77·3	76·5	75·6	75·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	72·1	72·2	72·3	72·3	71·7	71·3	73·2	76·0	79·0	80·8	81·8	82·4	81·1	81·6	81·0	77·3
15	79·7	78·3	76·9	75·5	75·0	73·6	72·4	71·4	70·5	70·0	69·5	68·9	68·3	68·0	68·4	71·4	74·8	77·4	79·0	80·7	81·5	81·2	81·2	81·2	74·8
16	80·3	78·7	76·5	74·5	73·5	73·1	73·1	73·6	73·0	72·5	72·0	71·1	70·1	70·3	70·2	72·7	76·0	78·9	81·5	81·8	83·4	83·0	82·4	82·1	76·0
17	80·7	79·1	78·4	77·7	77·5	77·5	77·0	76·6	76·8	76·1	75·7	75·7	75·7	75·0	74·9	75·2	75·0	76·3	78·0	81·2	82·8	83·0	83·2	82·3	76·0
18	80·9	80·2	78·6	77·4	78·0	78·5	77·8	76·5	77·3	77·5	77·8	77·7	77·5	77·7	78·0	79·9	78·8	80·5	82·6	82·0	82·3	81·6	81·3	81·0	79·2
19	80·2	79·8	79·6	79·6	79·5	79·1	79·0	78·5	78·5	78·6	78·7	76·6	78·4	78·3	78·5	80·1	80·7	82·0	82·6	83·0	82·2	82·6	81·7	81·8	80·1
20	80·8	79·9	79·3	79·3	79·0	78·6	78·6	78·4	78·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	76·5	76·3	76·1	75·6	76·0	76·4	78·4	79·3	81·5	81·8	82·8	82·6	82·5	81·3	81·5	79·2
22	81·1	79·0	77·7	77·2	76·6	76·2	76·0	76·1	75·8	73·7	71·6	71·1	70·6	70·3	69·8	72·4	75·7	79·4	80·1	81·4	81·7	81·7	81·5	80·3	76·5
23	79·9	79·0	77·6	76·8	76·6	76·6	76·2	75·4	72·9	71·7	70·5	70·3	70·0	68·8	68·6	71·7	75·0	77·8	79·5	81·7	82·0	81·7	81·6	80·9	76·0
24	79·3	78·2	76·6	78·6	75·9	75·5	75·4	75·3	71·6	70·8	70·0	69·1	78·2	68·2	67·9	70·1	74·7	78·2	80·3	80·5	81·1	81·0	81·0	80·7	75·3
25	79·7	78·2	76·7	75·5	73·6	72·5	71·6	71·0	70·5	70·0	69·6	68·8	68·0	67·3	67·0	68·8	73·3	76·4	78·9	79·5	80·0	80·0	80·3	79·7	74·1
26	78·8	77·7	75·4	73·8	71·6	70·3	69·7	69·2	69·2	68·6	68·0	67·6	67·2	66·6	66·7	69·0	73·0	76·4	79·0	80·4	80·5	80·7	81·2	80·7	73·4
27	80·2	79·1	76·5	74·7	73·8	72·7	72·0	71·6	71·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	71·6	70·8	70·0	69·1	68·7	68·2	70·6	75·0	78·4	80·5	81·5	82·0	82·2	82·0	81·7	75·2
29	80·6	79·0	77·6	77·2	77·0	76·7	78·8	76·7	76·5	76·3	76·1	75·8	75·5	75·5	75·8	77·5	79·0	81·0	82·0	83·0	83·5	83·5	84·0	82·9	78·7
30	80·7	79·3	78·4	78·0	77·6	77·5	77·3	77·2	77·0	76·2	75·5	75·4	75·3	76·0	75·9	77·5	79·4	80·4	81·0	81·9	82·1	82·2	82·0	82·0	78·6
31	80·7	79·3	77·6	77·4	76·8	75·0	74·1	72·9	72·0	71·2	70·5	70·4	70·2	70·0	69·7	72·9	76·7	78·4	79·4	81·2	81·5	81·7	81·0	80·6	75·9
Means.	80·6	79·2	77·9	77·3	76·6	76·2	75·6	75·3	74·7	74·1	73·6	73·4	73·0	72·8	72·7	74·7	77·0	79·2	80·8	81·8	82·3	82·3	82·2	81·8	77·3
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FEBRUARY 1855.																									
1	79·6	78·7	77·2	75·7	75·0	73·6	73·5	72·5	70·5	69·8	69·1	69·0	68·9	68·7	68·5	70·8	74·9	77·9	79·5	80·6	80·3	81·2	81·0	80·6	74·9
2	79·7	78·2	76·3	74·7	73·5	72·4	71·6	70·7	70·3	69·6	69·0	68·7	68·3	68·2	68·2	71·0	74·4	77·5	80·4	80·8	81·7	82·1	82·2	81·8	74·6
3	80·7	79·3	77·5	75·6	74·5	73·5	73·0	73·0	72·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	71·3	70·9	70·5	70·0	69·6	69·8	72·3	75·0	79·3	80·9	81·7	82·8	82·7	82·5	82·0	75·8
5	81·2	79·7	78·1	76·7	76·5	77·1	76·4	75·7	74·9	74·9	75·0	75·8	76·5	76·5	76·6	79·0	80·8	82·0	82·0	82·2	82·7	83·3	82·9	82·7	78·7
6	82·0	80·0	79·0	78·5	78·2	78·0	78·0	77·6	77·4	77·4	77·5	77·5	77·5	77·0	77·3	78·0	79·5	79·8	80·7	81·4	82·1	82·8	82·3	81·7	79·2
7	80·8	79·3	78·0	77·4	78·9	76·5	76·3	76·3	76·4	75·9	75·5	74·2	72·9	71·5	70·6	73·7	78·4	80·2	81·0	82·7	82·5	82·9	82·6	82·0	77·7
8	80·7	79·5	77·7	77·2	76·6	75·4	75·4	75·0	72·6	71·3	70·0	69·8	69·1	68·2	68·2	71·9	75·0	78·2	79·6	81·2	82·0	82·6	82·5	82·1	75·9
9	81·1	79·7	77·3	76·9	76·4	75·6	75·5	75·3	74·6	74·2	73·8	72·2	70·5	69·2	68·6	73·3	77·0	79·3	80·5	81·3	81·0	81·3	81·0	80·2	76·5
10	79·7	78·0	76·4	75·9	75·4	76·0	76·2	76·0	75·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	72·5	72·0	71·5	71·0	70·5	70·2	72·8	77·0	79·6	80·8	81·5	81·2	81·4	81·0	80·7	76·3
12	80·3	78·7	77·3	76·6	76·8	75·3	73·6	72·2	71·4	70·8	70·3	69·4	68·5	68·4	68·8	72·3	75·7	79·5	80·8	81·3	82·0	81·8	82·2	82·1	75·7
13	81·3	79·3	78·5	77·4	77·3	76·6	76·4	75·9	75·8	73·7	71·8	71·2	70·6	69·5	69·6	72·5	77·3	79·7	80·5	81·6	81·6	81·7	82·5	81·7	76·8
14	80·3	79·0	76·8	76·1	74·5	74·5	73·4	72·4	71·5	71·2	71·0	70·8	70·5	70·4	69·2	72·2	76·4	78·3	79·7	80·8	81·5	81·7	82·2	81·8	75·7
15	80·8	79·0	77·5	76·8	75·8	74·5	73·6	72·4	71·5	71·0	70·6	70·1	69·6	69·8	70·3	72·7	77·0	79·0	81·5	83·0	83·3	82·7	83·0	82·6	76·2
16	81·7	80·0	77·7	77·2	76·7	76·4	76·0	75·8	75·0	73·9	72·8	71·6	70·3	69·5	69·4	73·0	76·3	78·9	81·5	82·5	83·3	83·5	83·5	83·0	77·1
17	82·5	81·1	79·6	79·3	79·3	79·2	78·5	78·2	78·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	77·7	78·0	77·3	76·6	76·0	76·3	77·0	79·5	81·2	82·6	85·6	84·8	81·3	82·2	83·4	79·8
19	82·8	81·2	79·7	79·4	79·3	79·4	79·4	79·2	79·0	78·6	78·2	77·9	77·5	77·0	77·0	77·9	79·4	82·2	84·6	86·7	87·6	87·3	86·6	86·8	81·0
20	84·5	82·5	80·9	80·4	79·9	79·4	79·3	79·1	76·9	78·4	77·9	77·6	77·2	76·4	76·6	79·0	82·0	82·2	85·8	86·7	86·7	86·9	86·7	85·7	81·3
21	84·6	83·0	81·5	80·8	80·6	80·0	79·5	79·5	79·5	79·0	78·5	78·3	78·0	76·5	76·4	79·3	81·5	84·0	85·8	86·3	87·3	87·4	86·8	85·8	81·6
22	85·0	83·1	81·2	80·8	80·6	80·5	80·1	80·0	79·8	79·7	79·6	78·8	78·0	77·0	76·6	79·5	82·3	84·4	86·8	87·0	85·7	86·3	86·0	85·7	81·9
23	84·6	82·4	81·2	80·6	80·4	80·0	78·7	79·7	79·5	79·2	79·0	78·1	77·1	77·5	74·0	74·7	76·7	80·5	81·9	85·0	86·2	86·0	85·5	85·3	80·6
24	84·5	83·0	81·3	81·0	80·7	80·4	80·2	80·2	80·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	78·6	77·9	77·2	76·5	76·2	76·8	78·5	81·9	84·0	85·1	86·0	86·0	86·1	86·3	85·7	81·4
26	84·0	82·3	81·0	80·7	80·5	80·2	79·6	79·5	79·5	79·2	79·0	78·0	76·9	76·0	75·9	78·7	82·0	83·5	84·3	84·2	84·0	84·3	85·2	[illegible]	80·9
27	83·7	82·2	80·7	80·4	80·0	79·3	78·6	78·3	77·8	77·2	76·6	74·9	73·1	72·5	72·5	76·6	80·4	82·5	84·0	84·7	84·8	83·8	84·0	[illegible]	79·7
28	83·2	81·8	79·6	79·2	78·6	78·4	77·8	77·4	75·8	76·1	76·4	76·2	76·0	75·6	74·5	77·7	81·1	83·0	84·5	85·5	85·3	84·8	85·1	83·6	79·9
Means.	82·1	80·5	78·6	78·1	77·7	77·2	76·7	76·3	75·7	75·0	74·6	74·0	73·4	72·8	72·6	75·2	76·4	80·7	82·3	83·4	83·6	83·6	83.6	83·1	78·3

* The numbers in these columns are not observed, but interpolated for the sake of obtaining the daily Means.

DRY THERMOMETER (STANDARD).

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
MARCH 1855. 1	82·7	81·8	79·7	79·4	78·8	76·4	77·9	77·5	77·0	76·3	75·1	74·3	73·4	73·4	73·8	76·4	79·7	82·4	84·4	84·8	85·4	85·1	85·2	84·8	79·5
2	84·3	82·5	80·6	80·0	79·6	79·3	79·0	79·0	78·5	78·1	77·7	77·4	77·1	75·5	75·2	78·2	81·1	84·0	85·5	85·5	86·4	86·2	87·3	85·8	81·0
3	84·5	83·4	81·9	81·5	81·0	80·6	80·0	80·0	79·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	79·3	79·2	79·1	79·0	78·6	79·4	81·4	83·4	85·2	86·3	86·8	86·8	87·3	86·1	86·3	82·4
5	85·0	83·5	81·6	81·2	81·0	80·2	80·0	79·6	79·6	79·3	79·0	78·9	78·7	78·5	76·6	81·8	82·7	83·9	85·2	85·3	86·1	85·7	85·9	84·8	81·9
6	85·0	83·2	81·5	80·9	80·6	80·6	79·6	79·6	78·6	77·8	77·0	76·0	75·0	74·6	75·0	77·9	81·4	83·7	84·1	84·5	84·5	85·1	84·8	84·7	80·7
7	84·0	82·6	80·9	80·4	79·7	78·6	78·0	77·7	77·2	76·3	75·4	74·5	73·5	72·9	73·3	77·1	81·0	84·4	84·4	84·7	85·5	86·0	86·4	86·0	80·0
8	85·3	82·8	80·9	80·0	79·4	78·7	77·6	76·7	76·1	75·5	75·0	74·7	74·3	73·7	73·5	78·8	79·8	82·2	83·4	84·6	85·4	85·9	85·5	85·5	79·7
9	84·6	83·0	80·7	80·0	79·4	78·7	78·3	77·4	76·1	75·2	74·4	73·9	73·4	73·0	73·7	77·2	80·8	83·8	85·5	86·4	86·6	87·0	86·7	86·1	80·1
10	85·4	83·9	81·6	80·7	80·6	80·6	80·6	80·3	80·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	78·6	77·6	76·6	75·5	74·7	74·5	77·7	82·0	84·8	85·6	86·4	86·1	86·3	86·0	85·6	81·3
12	84·6	82·9	81·0	80·5	79·9	79·6	79·3	78·6	78·0	76·5	75·0	74·9	74·7	74·2	74·0	77·2	81·8	83·4	84·1	85·2	85·7	84·7	81·3	84·0	80·2
13	84·0	82·0	80·7	80·3	80·2	79·4	78·9	77·9	76·0	75·3	74·7	73·5	72·2	71·6	72·5	76·6	80·2	82·8	84·2	86·2	86·0	85·8	86·2	85·7	79·7
14	85·1	83·4	81·2	80·7	80·0	79·4	79·3	78·8	77·8	76·1	74·5	74·0	73·4	72·5	73·4	77·4	81·7	84·2	85·8	86·0	86·7	87·2	87·0	86·7	80·5
15	85·5	83·5	81·3	80·2	79·7	79·3	78·3	77·8	77·5	76·6	75·7	76·1	76·5	75·6	75·2	78·6	82·2	84·8	86·4	87·4	87·9	88·2	67·6	87·3	81·2
16	86·1	84·0	82·0	81·4	81·2	80·6	80·3	79·8	80·0	79·3	78·7	77·5	76·2	75·2	75·8	78·0	82·0	85·6	86·5	87·3	87·8	87·3	67·2	86·0	81·9
17	85·7	83·3	81·6	81·0	80·5	79·9	79·7	79·6	79·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	77·7	76·6	75·3	74·4	73·7	74·4	77·9	82·3	84·2	85·8	86·5	87·3	87·2	86·7	86·4	81·1
19	85·5	83·7	81·4	80·8	79·6	79·4	79·3	78·7	78·2	77·3	76·4	75·7	75·0	74·6	75·4	78·8	82·0	85·2	86·6	88·1	88·6	88·6	88·7	88·2	81·5
20	87·7	85·2	82·8	81·6	61·0	80·7	80·4	80·0	79·5	78·5	77·5	76·5	75·3	75·3	76·3	79·6	83·4	86·2	88·5	89·0	89·1	89·3	89·0	88·1	82·5
21	87·1	84·8	83·4	82·7	82·4	81·7	81·5	81·1	81·0	80·4	79·9	79·0	78·0	77·2	77·9	80·9	84·3	86·3	88·8	91·0	90·4	90·8	90·3	89·7	83·6
22	88·0	85·9	83·6	83·0	82·3	81·9	81·5	81·2	80·2	78·8	77·4	76·8	76·2	76·0	76·6	81·4	84·4	87·2	88·8	89·6	89·9	80·6	89·6	88·7	83·3
23	87·2	85·4	83·8	82·6	81·7	81·6	80·9	79·5	77·7	76·8	76·0	75·2	74·3	73·8	74·8	79·4	83·6	85·4	86·1	87·0	87·9	88·3	88·5	86·3	81·8
24	86·6	85·0	82·6	81·9	80·7	79·0	78·5	76·7	76·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	77·3	76·8	76·3	75·7	75·1	76·1	79·9	83·6	85·5	88·1	88·8	89·6	89·8	89·8	89·3	82·0
26	88·7	86·5	84·4	83·8	83·2	82·6	82·2	81·3	80·2	79·6	79·0	78·0	77·0	77·4	78·5	81·7	85·4	67·7	89·2	91·0	91·0	90·6	90·8	89·3	84·1
27	88·1	86·4	84·5	83·5	83·0	82·9	82·3	81·7	80·0	79·5	79·0	78·4	77·7	78·0	79·0	81·5	85·8	67·5	89·8	90·0	90·2	89·8	89·7	89·3	84·0
28	89·0	86·8	84·7	83·9	83·7	83·2	82·8	82·5	81·8	81·1	80·5	80·0	70·4	78·5	79·8	83·7	86·3	67·7	90·0	90·2	90·4	90·8	90·0	89·3	84·6
29	88·5	86·6	84·6	83·5	83·5	83·2	82·9	82·6	82·0	81·2	80·5	80·0	79·5	79·6	81·2	85·0	67·0	80·4	90·3	90·6	90·7	90·5	90·3	89·0	85·1
30	88·6	86·3	84·5	83·8	83·3	82·7	82·8	81·9	81·5	80·7	80·0	79·8	79·5	78·7	79·8	83·9	87·1	88·4	90·2	90·1	90·3	90·3	89·8	89·0	84·7
Means.	86·0	84·2	82·2	81·5	81·0	80·5	80·1	79·5	78·8	78·0	77·3	76·6	76·0	75·5	76·1	79·5	82·9	85·2	86·7	87·4	87·6	87·6	87·7	87·0	81·9
March 31	88·4	86·3	84·4	83·7	83·3	82·9	82·4	82·1	81·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
APRIL 1855. 1	—	—	—	—	—	—	—	—	—	81·8	61·6	61·4	81·2	80·6	61·5	84·8	87·9	91·0	90·9	92·3	92·1	91·8	91·9	90·7	85·7
2	88·8	86·3	84·9	84·4	84·0	83·5	83·5	83·0	82·7	82·2	81·8	81·7	81·5	80·9	82·2	85·2	88·0	90·8	92·7	92·6	92·3	92·2	91·0	90·8	86·2
3	88·0	86·2	84·9	84·6	84·1	83·8	83·4	82·5	81·5	80·6	80·1	80·1	80·0	79·6	81·4	85·1	88·2	91·0	92·5	91·6	92·0	92·0	91·2	90·3	85·6
4	89·1	86·5	81·7	84·0	83·6	83·3	83·1	82·7	62·1	81·4	80·8	80·4	80·0	80·0	81·2	85·0	86·1	89·2	91·2	92·3	91·4	91·4	90·6	90·0	85·4
5	89·5	86·4	84·6	84·1	83·6	83·2	83·0	82·4	82·1	81·4	80·6	80·7	80·5	80·4	81·7	84·4	88·0	89·8	90·5	90·8	91·7	92·0	90·8	89·3	85·5
6	86·0	85·6	84·9	84·4	83·7	83·4	83·0	82·6	82·2	61·3	80·5	80·3	80·0	79·7	61·5	85·0	87·5	90·2	91·8	91·7	92·0	91·5	90·5	90·3	85·4
7	88·0	86·4	84·5	83·6	83·4	83·2	82·5	81·5	80·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	78·1	77·5	76·9	76·2	75·3	77·9	83·3	86·0	88·1	89·8	89·9	90·6	91·2	90·9	89·7	84·0
9	89·1	86·4	84·3	83·3	82·6	82·4	81·8	80·9	80·7	79·3	78·0	77·2	76·3	76·0	78·0	82·2	86·3	88·6	89·2	90·0	90·6	90·5	90·1	89·3	83·9
10	88·3	86·6	84·5	83·3	82·8	82·2	82·1	61·7	80·6	79·3	78·0	77·3	76·5	76·2	78·2	82·9	85·3	87·7	88·9	89·4	89·9	90·3	90·0	89·9	83·8
11	89·0	86·7	84·5	83·5	83·1	82·1	61·8	81·4	81·3	80·1	79·0	78·2	77·3	77·2	78·5	82·5	85·4	87·5	90·8	91·2	90·4	90·6	89·0	87·3	84·1
12	87·7	85·3	83·9	83·7	83·6	83·4	83·2	83·2	83·5	82·6	81·6	81·0	80·2	80·4	80·7	84·5	67·2	90·0	91·0	91·7	93·5	90·6	91·5	89·9	85·6
13	90·0	88·0	85·6	85·0	84·6	84·0	83·7	83·6	83·3	82·8	82·1	81·3	80·5	80·1	81·6	85·4	88·4	89·4	91·6	92·0	92·3	92·0	91·4	89·0	86·2
14	89·0	87·3	85·4	84·7	84·4	84·1	83·6	83·2	83·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	83·0	82·5	82·0	81·4	80·0	82·3	85·7	89·3	91·2	92·0	92·6	93·2	92·9	91·8	91·2	86·5
16	90·7	89·0	86·0	85·4	84·6	84·1	83·7	83·5	83·0	82·2	81·5	80·4	79·3	78·7	81·5	85·5	88·7	89·8	91·4	91·9	92·4	92·2	92·0	91·8	86·2
17	90·0	86·7	85·8	84·6	84·4	83·7	83·4	82·6	82·7	61·9	61·1	80·1	79·0	76·6	61·0	85·5	89·0	90·8	91·9	91·8	92·0	91·5	91·3	90·2	85·9
18	89·3	88·0	85·6	83·7	83·7	83·7	83·5	83·5	83·1	82·8	82·6	82·2	81·7	61·2	83·3	86·6	88·9	92·0	91·6	93·0	92·4	92·4	92·1	91·7	86·6
19	90·7	88·6	86·0	85·3	85·0	84·9	84·4	84·3	84·0	83·7	83·4	83·2	83·0	82·7	84·6	87·5	90·0	93·5	95·5	95·2	93·6	93·0	93·0	91·5	87·8
20	90·6	87·3	86·6	86·0	85·6	85·8	86·0	85·8	85·5	85·1	84·7	84·4	84·0	84·0	85·5	88·0	91·4	94·4	96·9	96·9	96·5	95·7	94·5	90·7	88·9
21	88·4	87·6	87·1	86·6	86·5	86·4	86·5	86·5	86·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	83·3	83·0	82·7	82·4	82·5	84·4	87·2	90·8	93·2	92·6	92·9	93·2	92·7	92·2	92·3	87·8
23	88·8	87·4	87·4	85·6	85·6	85·0	84·6	83·9	83·6	83·3	83·0	82·8	82·5	82·5	84·3	87·4	89·9	92·6	92·6	92·7	92·9	93·5	93·0	01·6	87·4
24	90·4	88·5	86·4	86·1	85·6	84·9	84·5	84·5	84·0	83·8	83·6	83·2	82·7	82·7	85·0	87·5	90·4	91·4	92·5	93·5	93·3	93·5	92·1	91·6	87·6
25	90·6	89·0	86·6	85·7	85·0	84·5	84·2	83·6	82·8	82·4	82·0	82·0	82·0	81·7	84·2	86·3	90·0	91·6	93·6	94·6	95·4	94·5	94·0	92·8	87·5
26	91·0	88·0	86·2	85·3	85·3	85·0	84·5	84·3	83·6	83·0	82·5	82·0	81·5	81·5	83·6	87·5	92·0	95·0	97·6	100·4	97·2	95·7	95·0	93·9	88·4
27	92·8	90·7	86·0	87·0	86·6	85·9	85·4	84·8	84·2	83·7	83·2	82·9	82·5	82·3	85·0	88·3	90·2	92·2	93·6	94·2	94·7	93·8	92·7	91·6	88·2
28	91·1	89·0	86·4	85·7	85·5	85·1	84·6	84·2	84·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	83·3	82·2	81·1	80·0	79·3	80·6	86·3	89·2	92·3	94·4	94·4	93·9	94·5	94·6	94·1	67·3
30	92·6	90·3	86·4	85·5	84·6	84·4	83·5	82·6	81·8	81·0	80·2	79·4	78·6	78·3	80·4	85·0	89·3	93·0	96·2	96·4	94·0	94·7	94·3	92·7	86·9
Means.	89·5	87·6	85·6	84·8	84·4	84·0	83·7	83·3	82·8	82·1	81·4	81·0	80·4	80·1	81·9	85·6	88·6	91·0	92·4	93·0	92·8	92·6	92·0	90·9	86·3

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

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DRY THERMOMETER (STANDARD).

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18 41	h. m. 19. 41	h. m. 20 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41	
	o	o	o	o	o	o	o	o	o	o *	o	o *	o	o	o	o	o	o	o	o	o	o	o	o	o
MAY 1855. 1	90·6	88·9	86·0	85·5	85·0	84·1	83·8	83·2	82·8	81·9	81·0	80·6	80·2	80·2	82·5	86·6	90·2	93·3	96·2	96·3	95·4	95·2	94·7	93·0	87·4
2	91·8	89·6	86·8	86·0	85·4	85·0	84·7	84·5	83·6	83·4	83·2	82·4	81·5	81·5	83·2	87·1	90·2	92·7	93·6	94·3	95·1	95·2	95·3	91·6	87·9
3	92·3	89·7	86·5	85·7	85·1	84·6	84·2	83·5	82·8	82·3	81·8	80·9	79·9	79·5	82·2	86·0	90·2	92·0	92·9	93·5	93·7	93·7	94·0	94·0	87·2
4	92·5	90·5	88·1	87·2	86·6	86·4	86·0	85·0	84·8	84·5	84·3	83·3	82·3	81·6	84·9	88·4	91·0	92·5	93·2	93·5	94·7	93·8	94·1	93·3	88·4
5	92·8	90·7	88·5	87·3	86·0	86·0	85·7	85·6	85·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	85·7	85·0	84·3	83·5	83·1	86·6	89·0	92·6	96·3	99·3	101·7	99·6	99·3	98·3	97·7	90·4
7	95·3	92·8	90·0	89·0	88·0	87·2	87·0	86·5	86·4	85·6	84·9	84·7	84·5	84·1	86·2	89·4	93·0	94·7	95·6	97·1	97·6	97·7	97·0	96·1	90·4
8	94·7	92·3	89·2	88·0	87·5	86·8	86·3	86·0	85·4	85·1	84·8	84·6	84·4	84·3	86·4	88·8	91·2	93·0	94·3	95·2	95·4	95·2	94·9	93·5	89·5
9	92·9	90·1	87·6	86·7	86·2	85·5	85·0	84·7	84·2	84·0	83·8	83·4	83·0	82·7	85·2	88·4	91·5	93·4	96·4	97·2	96·3	95·8	96·0	95·7	89·0
10	94·2	91·3	88·4	86·9	86·2	85·7	85·4	85·2	85·0	84·7	84·5	84·0	83·4	83·0	85·6	89·0	91·5	95·0	96·0	96·6	96·8	96·7	96·0	95·0	89·4
11	93·3	91·5	88·2	87·2	86·7	86·0	85·9	85·5	85·2	85·0	84·8	84·7	84·5	84·5	86·1	89·7	92·2	95·3	97·5	96·0	95·8	95·6	95·3	94·8	89·6
12	93·7	90·4	88·6	88·1	87·6	87·3	86·8	86·4	86·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	87·6	86·9	86·2	85·5	85·3	87·8	90·7	94·7	97·5	100·6	98·7	98·5	99·2	97·5	97·3	91·2
14	96·0	92·2	90·4	89·0	88·5	87·9	88·0	87·5	87·0	86·1	85·2	84·9	84·5	83·8	86·8	91·5	95·4	97·5	101·0	100·5	100·3	100·8	98·7	98·5	91·7
15	97·5	92·5	90·3	89·9	89·4	89·2	89·5	89·0	88·5	87·9	87·3	86·1	84·9	84·0	87·9	91·7	95·0	97·7	101·7	103·5	102·3	101·0	99·6	98·1	92·7
16	96·0	94·6	89·7	88·5	88·3	87·8	87·6	87·4	87·0	86·2	85·4	85·0	84·5	83·7	86·4	91·3	94·2	96·6	96·5	96·5	96·3	96·7	95·8	95·7	90·7
17	94·8	93·0	89·5	88·5	88·4	87·6	87·4	86·7	86·9	86·2	85·5	85·3	85·0	84·8	87·8	91·2	94·4	94·8	95·5	96·0	93·7	95·7	95·1	95·0	90·4
18	94·0	90·7	89·5	89·0	89·0	88·0	87·4	86·7	86·6	85·9	85·3	84·7	84·0	83·5	86·1	90·2	94·0	97·7	100·8	103·7	101·3	100·5	98·5	97·8	91·6
19	96·4	92·3	89·0	88·7	88·5	88·6	88·4	87·5	86·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	86·5	85·5	84·5	83·5	83·0	85·5	89·8	93·3	97·6	100·4	103·4	103·2	103·2	97·7	97·4	91·7
21	97·3	93·7	89·7	89·0	88·2	87·8	87·8	87·7	87·0	86·7	86·5	86·0	85·5	85·2	88·0	91·5	95·5	97·8	100·5	103·7	106·0	106·4	102·0	100·2	92·9
22	97·4	93·5	91·9	91·4	90·1	89·5	89·0	88·5	87·5	87·0	86·6	86·3	86·0	86·0	88·5	92·5	95·4	98·1	101·3	104·0	106·2	106·5	104·0	101·3	93·7
23	98·5	93·8	90·2	89·8	89·7	89·7	89·5	89·3	88·5	88·6	88·7	88·4	88·0	87·8	89·3	92·8	98·2	101·0	104·6	105·1	103·9	102·7	100·7	99·0	94·1
24	96·2	94·7	92·6	92·7	91·6	90·8	89·5	89·4	90·1	89·9	89·7	89·1	88·5	87·8	90·7	94·8	99·0	101·1	103·9	107·3	109·5	109·8	106·0	103·7	95·8
25	101·5	97·5	92·4	91·6	91·4	91·0	90·8	90·7	90·0	89·5	89·0	88·5	88·0	88·7	91·0	94·4	97·4	101·0	104·5	106·2	105·6	101·3	101·6	99·7	95·3
26	97·3	92·7	89·3	87·7	87·6	87·1	86·6	86·0	85·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	87·5	87·5	87·5	87·5	87·0	91·6	94·5	97·5	98·0	102·5	106·5	105·5	108·7	100·2	107·4	94·2
28	100·8	96·5	92·5	90·0	88·2	88·3	88·0	87·0	87·0	86·7	86·5	86·3	86·1	85·6	88·7	93·0	96·3	99·5	102·2	105·8	103·5	102·3	101·0	98·2	93·3
29	95·8	91·6	88·5	87·5	87·3	86·6	87·0	86·8	86·4	85·9	85·5	85·2	84·8	84·5	85·7	89·2	95·2	99·4	102·0	101·8	101·4	98·5	98·7	98·2	91·5
30	95·3	90·8	89·4	88·5	88·1	88·2	88·4	88·3	88·4	87·6	86·9	86·2	85·5	85·0	88·2	92·4	96·2	100·7	103·6	106·2	106·3	102·2	99·0	96·5	92·8
31	96·3	92·5	89·6	89·4	89·4	87·7	87·7	87·7	87·4	87·1	86·9	86·7	86·5	85·8	88·3	93·2	97·2	100·8	102·6	106·6	106·3	105·0	101·7	100·3	93·4
Means.	95·4	92·2	89·3	88·5	87·9	87·4	87·2	86·8	86·4	86·1	85·7	85·2	84·6	84·3	86·9	90·7	91·2	96·9	99·2	100·7	100·7	100·0	98·6	97·5	91·3
										*		*													
JUNE 1855. 1	96·2	92·9	90·0	88·8	88·0	88·6	89·4	89·6	89·0	87·5	86·0	85·4	84·8	83·9	86·7	92·4	96·5	99·0	101·7	104·5	106·7	106·8	99·6	90·5	92·7
2	94·0	89·5	87·5	86·8	86·6	86·3	86·0	85·0	84·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	90·3	89·2	88·1	87·0	87·0	90·2	93·5	96·0	98·5	101·8	103·7	104·5	107·0	105·8	102·0	92·9
4	98·9	95·0	92·5	90·2	88·6	87·6	87·1	88·0	87·0	86·9	86·8	86·8	86·8	86·6	87·5	91·9	95·8	100·5	102·8	102·2	100·2	101·3	100·3	101·0	93·0
5	97·4	96·3	92·8	90·6	89·5	89·5	88·6	88·0	87·0	86·5	86·0	85·9	85·7	85·3	87·5	91·8	95·4	98·2	100·6	102·9	98·8	98·1	96·7	96·1	92·3
6	98·5	90·6	89·4	88·6	88·6	87·6	87·5	87·2	86·7	85·7	84·7	84·8	84·8	84·5	88·0	91·3	94·2	97·2	99·4	101·3	102·5	98·1	95·6	95·0	91·1
7	94·1	91·3	87·4	86·6	86·0	86·0	86·0	86·0	86·2	85·7	85·3	85·2	85·0	84·7	87·9	90·4	93·5	96·7	98·9	96·0	94·5	94·8	94·2	94·0	89·8
8	92·5	91·0	87·3	86·5	86·2	86·2	86·2	85·8	85·0	85·2	85·5	85·0	81·4	83·4	86·7	91·5	94·5	96·4	99·5	97·5	95·1	95·4	94·8	92·8	89·8
9	92·5	89·2	86·6	86·4	86·6	87·0	86·6	86·4	86·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	83·9	83·6	83·3	83·0	83·0	85·7	89·5	92·9	96·5	99·0	96·8	96·5	95·3	95·4	94·2	89·4
11	92·6	91·0	87·0	86·2	85·8	86·0	85·7	85·8	86·0	85·5	85·0	84·8	84·5	84·2	86·2	90·3	93·0	97·4	100·0	98·1	96·5	96·2	93·2	85·5	89·4
12	86·0	86·1	84·7	84·7	85·0	85·4	85·2	85·0	84·7	84·1	83·6	83·1	82·6	82·6	84·7	88·5	88·6	90·5	93·3	97·0	99·8	99·0	94·9	94·3	88·1
13	93·2	90·1	87·6	86·6	86·6	86·5	86·4	85·8	85·4	85·0	81·7	83·3	81·8	81·1	81·0	81·7	82·6	83·0	86·4	90·6	94·8	98·0	96·5	95·0	87·2
14	93·2	91·0	86·9	86·1	85·5	85·5	85·4	85·2	84·8	84·2	83·6	83·0	82·4	82·4	85·0	89·6	92·7	94·2	97·6	100·0	98·5	95·7	95·2	93·3	89·2
15	93·5	90·7	88·6	87·2	86·6	85·7	85·6	85·6	85·3	83·4	81·5	81·3	81·0	81·6	82·4	84·8	90·4	92·2	96·1	98·2	100·0	102·2	103·4	103·1	89·6
16	94·6	92·2	89·5	89·0	88·0	87·6	87·2	86·0	86·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	81·0	80·5	80·7	80·8	81·3	82·0	83·0	84·9	87·8	89·9	91·9	93·5	93·7	94·6	95·7	87·6
18	95·2	89·3	87·5	87·3	87·0	86·7	86·5	86·0	84·8	84·4	84·0	83·4	82·8	82·5	84·6	87·1	90·7	93·4	95·0	97·2	97·6	99·4	99·9	94·4	89·4
19	90·4	89·8	88·6	86·8	86·0	85·5	86·5	86·5	86·5	85·9	85·4	84·9	84·4	84·0	85·4	89·0	91·3	93·6	95·5	97·9	102·2	101·0	99·5	94·5	90·0
20	90·9	89·3	88·4	87·5	87·4	86·6	86·7	86·7	86·7	86·5	86·4	85·5	84·6	84·0	87·0	90·4	92·7	94·9	96·2	98·5	100·6	95·5	95·1	93·8	90·1
21	92·3	91·1	88·9	87·5	86·6	86·4	86·2	86·5	85·5	85·3	85·2	84·7	84·2	83·6	86·2	89·4	92·0	94·5	97·5	99·5	98·5	99·4	98·5	97·3	90·3
22	96·7	93·7	90·8	89·8	88·8	88·0	87·6	87·4	86·8	85·1	83·5	82·7	81·9	81·6	84·6	87·3	90·5	91·8	92·6	90·3	89·1	89·7	90·5	89·5	88·3
23	88·0	86·5	84·6	84·4	84·0	83·7	83·5	83·4	83·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	85·2	84·6	84·0	83·4	83·2	86·7	90·6	93·1	95·8	97·3	99·0	101·5	98·5	96·2	94·8	89·6
25	95·1	90·3	88·6	87·1	86·6	86·1	85·6	85·7	84·7	83·1	81·6	81·6	81·5	81·7	83·5	87·5	89·3	92·5	94·9	96·1	99·2	100·5	101·2	100·6	89·4
26	100·4	100·1	96·6	95·0	90·1	88·9	87·6	87·2	86·3	86·0	85·7	85·3	84·8	85·0	86·0	88·5	89·9	91·6	93·4	93·6	94·8	95·6	96·5	96·4	91·1
27	95·6	95·0	90·1	88·6	89·0	89·2	88·5	87·2	87·0	87·0	87·0	86·6	86·2	85·7	85·7	86·7	88·8	91·0	95·0	96·9	98·1	98·5	98·0	98·7	90·8
28	98·5	96·5	92·0	89·6	83·5	83·5	83·3	83·6	84·0	83·4	82·8	82·8	82·8	82·7	82·6	83·0	83·7	86·0	88·8	90·5	92·5	96·2	96·6	95·6	87·7
29	93·6	92·5	90·6	90·1	87·9	87·3	83·0	82·5	83·0	82·5	82·0	81·9	51·7	81·3	81·8	82·8	84·8	88·4	89·0	90·7	90·1	90·0	89·5	89·6	86·5
Means.	94·0	91·6	89·0	87·9	87·0	86·7	86·3	86·1	85·7	85·2	84·6	84·2	83·7	83·5	85·4	88·5	91·1	93·7	96·1	97·2	97·8	97·8	96·8	95·1	89·8

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

DRY THERMOMETER (STANDARD).

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	°	°	°	°	°	°	°	°	°	° *	°	° *	°	°	°	°	°	°	°	°	°	°	°	°	°
June 30	88.1	86.9	85.9	85.0	84.6	84.0	83.0	82.7	82.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JULY 1855. 1	—	—	—	—	—	—	—	—	—	87.1	85.6	84.1	82.5	82.3	85.8	90.0	93.2	94.8	97.3	98.5	100.3	101.3	103.0	101.6	89.6
2	99.3	93.0	88.0	87.8	87.9	87.7	87.6	87.3	7.0	86.7	86.5	85.9	85.2	84.3	86.5	90.0	91.3	94.0	95.6	97.3	99.4	101.3	101.3	94.2	91.0
3	90.7	90.0	88.0	86.6	86.6	86.2	86.2	85.8	85.6	85.5	85.5	85.0	84.1	83.7	84.8	87.3	90.7	93.2	94.4	96.4	98.0	99.5	98.9	97.2	89.6
4	94.8	91.3	88.6	87.1	86.8	86.9	86.5	86.2	86.0	85.5	85.0	84.3	83.6	83.7	84.8	88.0	91.6	94.4	96.9	99.5	101.3	102.9	97.0	95.3	90.3
5	95.5	92.3	88.8	88.2	87.5	86.4	86.1	86.5	84.5	83.7	83.0	82.9	82.7	82.5	85.0	86.9	90.4	94.7	96.9	98.2	98.8	97.2	96.6	95.3	89.6
6	93.7	91.5	88.8	88.1	87.4	87.0	86.8	84.6	84.5	82.6	80.8	80.5	80.2	80.3	81.2	83.7	85.7	89.3	92.8	95.2	96.9	98.9	99.0	95.4	88.1
7	92.0	90.8	87.7	86.6	86.6	85.7	85.0	84.5	84.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	84.0	83.8	83.6	83.3	82.5	84.5	88.6	91.0	92.9	95.0	96.7	99.2	100.5	101.2	100.8	89.6
9	93.2	90.4	89.4	88.7	87.2	86.6	86.2	86.0	84.5	84.4	84.3	84.2	84.0	83.3	84.2	85.5	88.7	90.6	93.0	94.4	96.8	97.5	98.7	97.3	89.1
10	97.3	95.7	89.8	88.4	87.5	86.6	86.0	85.5	85.2	85.1	85.0	85.0	85.0	84.1	85.9	87.5	90.4	93.4	95.6	98.2	100.0	100.9	101.3	100.8	90.8
11	99.5	92.1	90.7	88.6	87.6	87.6	87.4	87.3	87.2	86.8	86.5	85.7	84.8	84.3	85.0	89.7	90.8	92.8	93.8	95.3	96.6	100.3	99.3	99.5	90.8
12	97.3	92.7	89.2	88.0	87.2	86.5	86.5	86.0	85.8	85.6	85.5	85.5	85.5	85.3	86.5	90.3	90.0	89.8	94.8	97.2	99.0	100.3	101.4	100.0	90.7
13	98.7	93.0	88.9	87.2	87.7	84.2	81.0	83.9	84.3	84.4	84.5	83.8	83.0	82.5	84.5	86.9	88.4	91.0	92.8	95.3	98.2	99.5	101.1	95.4	89.3
14	89.5	88.3	88.6	87.4	86.2	86.6	86.0	83.8	82.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	83.1	83.0	82.9	82.7	83.0	83.5	85.2	87.3	90.4	91.4	93.2	92.8	92.0	93.7	94.0	87.4
16	93.0	92.5	91.2	89.4	87.7	87.5	84.8	84.8	84.0	83.5	83.1	82.9	82.7	82.8	83.1	85.6	88.6	91.4	93.4	97.0	98.0	98.4	99.0	97.0	89.2
17	84.5	83.8	83.6	82.2	82.2	81.9	82.0	82.0	81.4	81.2	81.1	81.2	81.2	81.0	81.5	86.0	87.3	87.0	89.4	92.6	96.8	97.0	96.3	95.5	85.8
18	94.5	89.0	87.5	85.7	83.6	82.5	82.6	82.3	82.2	82.1	82.0	81.7	81.3	80.8	82.5	85.3	88.7	91.7	93.4	96.3	97.3	99.6	99.0	97.8	87.9
19	96.7	96.0	91.7	84.7	83.6	82.3	82.6	83.0	83.5	83.0	82.5	81.8	81.0	80.6	83.0	86.6	87.8	90.0	91.3	93.5	95.7	97.9	98.3	101.3	88.3
20	99.7	95.3	90.7	88.7	87.7	87.0	85.8	84.7	85.0	84.5	84.1	83.7	83.3	82.8	82.9	84.0	86.8	89.8	93.0	95.8	97.0	98.3	94.8	86.3	88.8
21	85.6	84.7	83.6	82.8	82.6	79.5	79.5	78.4	77.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	80.2	80.2	80.2	80.1	80.2	82.1	85.0	88.5	90.4	91.1	92.8	93.7	94.1	94.6	94.5	85.1
23	93.7	91.6	89.3	87.6	86.5	86.1	84.9	84.0	83.2	82.9	82.6	82.2	81.7	81.0	82.9	86.5	88.8	90.5	93.1	95.2	97.0	98.2	99.3	99.7	88.7
24	97.6	94.0	89.7	88.2	87.1	86.5	85.5	85.2	84.8	84.4	84.0	83.4	82.7	82.3	83.5	88.0	90.9	91.[illegible]	92.9	94.8	96.8	98.3	98.5	98.1	89.5
25	97.2	94.5	90.4	88.0	86.8	86.3	86.3	86.0	85.8	85.5	85.3	84.7	84.0	83.6	85.0	88.6	90.6	91.7	93.2	95.8	97.7	99.6	100.4	97.7	90.2
26	91.2	90.0	88.3	87.3	85.9	84.7	84.5	84.1	83.5	83.1	82.7	82.2	81.7	81.3	82.7	85.7	88.7	91.6	93.8	95.8	98.0	99.9	100.6	100.6	88.7
27	96.9	93.5	89.6	88.6	88.2	87.3	86.4	86.2	85.8	84.9	84.1	83.6	83.0	82.5	85.0	89.0	91.2	93.0	94.9	96.8	98.7	100.5	101.0	96.0	90.3
28	93.6	91.2	89.6	88.6	88.0	87.5	87.0	86.5	86.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	85.0	84.4	83.8	83.1	82.0	84.5	88.4	90.9	93.0	95.3	97.0	99.2	101.3	103.2	94.7	90.2
30	92.0	89.0	88.0	87.6	87.1	87.2	87.0	87.0	86.6	86.3	86.0	85.4	84.7	84.3	85.2	87.2	90.6	92.8	96.2	97.5	100.0	99.3	97.9	97.7	90.1
31	90.3	87.3	86.6	86.4	86.1	85.4	84.7	84.4	84.0	83.5	83.0	83.0	83.0	82.8	81.0	87.2	89.9	92.2	93.7	96.0	98.3	100.4	98.1	93.8	88.5
Means.	93.9	91.1	88.6	87.2	86.4	85.7	85.2	84.8	84.3	84.2	83.9	83.5	83.0	82.6	84.1	87.1	89.6	91.8	93.9	96.0	97.8	99.1	99.0	96.9	89.2
										*		*													
AUGUST 1855.	93.3	90.8	89.3	87.5	86.6	86.3	83.5	83.4	83.8	83.1	82.4	82.2	82.0	82.3	82.8	85.9	89.0	90.4	92.2	93.7	95.8	97.7	98.8	97.9	88.4
1	93.2	90.2	88.7	88.0	85.2	83.3	82.3	82.0	82.0	82.0	82.0	81.6	81.2	80.9	83.7	86.2	87.6	90.1	91.5	94.3	96.0	97.4	99.3	99.5	87.8
2	100.7	93.2	89.6	87.8	84.1	84.5	85.0	85.2	85.0	84.7	84.5	84.1	83.6	83.0	84.2	87.0	89.2	91.5	94.3	95.7	98.0	99.5	101.0	93.7	89.5
3	93.3	90.3	87.7	86.4	84.4	83.9	83.8	82.8	82.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	83.9	83.7	83.5	83.3	82.6	84.8	88.0	90.2	92.8	95.1	97.0	96.5	94.0	94.3	93.3	88.2
5	92.0	90.5	88.7	88.0	88.0	86.8	85.6	85.0	85.0	84.5	84.0	83.5	83.0	82.3	84.8	87.2	90.5	92.5	95.7	97.7	99.8	99.8	100.0	99.7	89.8
6	98.9	93.7	90.3	88.5	87.7	87.4	86.0	85.3	84.9	84.0	83.2	82.9	82.5	82.5	85.0	89.4	91.5	95.5	96.1	96.8	96.0	95.3	93.7	96.2	89.7
7	95.1	92.3	89.0	88.0	87.6	87.1	86.0	85.2	84.6	84.0	83.5	83.2	82.9	82.3	84.7	88.0	90.7	92.8	94.8	97.7	97.0	97.0	95.1	93.8	89.3
8	93.6	91.8	89.4	88.0	87.6	87.4	86.4	86.0	86.0	85.3	84.6	84.1	83.5	82.7	84.3	88.5	91.5	93.0	95.2	97.2	96.3	96.0	95.6	95.5	89.6
9	94.3	93.0	89.9	88.2	87.3	86.6	86.8	86.2	85.8	85.1	84.5	84.0	83.5	83.0	85.5	88.1	90.9	92.9	96.5	98.7	98.3	96.8	95.4	94.9	89.8
10	93.7	91.9	88.5	87.5	86.8	86.4	86.0	85.5	85.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	83.6	83.5	83.4	83.2	83.0	85.3	87.8	90.2	89.2	90.9	92.5	89.4	89.2	89.7	89.8	87.6
12	88.3	87.4	86.2	85.8	85.5	85.2	84.8	83.4	82.9	82.3	81.8	81.5	81.2	81.1	81.4	82.6	85.0	89.4	92.8	95.3	98.2	96.8	93.6	91.2	86.8
13	91.0	90.6	85.6	82.5	82.4	82.2	81.4	81.2	81.2	80.8	80.5	80.5	80.5	80.0	80.0	81.8	83.9	87.1	91.1	93.5	94.5	93.8	92.0	92.0	85.4
14	89.3	87.3	86.3	85.6	85.3	84.5	84.0	84.0	83.0	82.7	82.5	82.4	82.3	82.3	83.3	85.2	85.7	86.3	90.5	94.8	95.7	92.0	89.3	89.5	86.4
15	86.5	86.2	84.7	83.6	83.4	83.0	82.5	82.8	83.0	82.7	82.4	82.2	82.0	80.1	81.2	84.8	87.1	89.5	92.5	93.7	95.7	97.6	95.4	94.1	86.5
16	93.0	91.1	87.8	87.3	83.9	84.4	84.2	83.4	83.4	82.3	81.2	80.8	80.3	80.6	81.8	87.1	89.6	91.3	94.0	95.0	95.5	93.4	92.3	91.7	87.3
17	91.9	89.3	87.4	86.6	85.4	84.6	83.1	83.0	82.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	84.3	83.8	83.3	82.7	82.5	83.8	86.4	87.8	90.6	91.7	95.6	97.4	97.6	96.0	93.4	88.1
19	92.2	89.8	88.3	87.6	86.9	85.9	85.5	85.4	85.2	84.7	84.3	83.7	83.0	82.3	83.0	85.3	87.5	89.5	91.2	93.3	94.6	95.6	96.0	95.7	88.2
20	93.7	91.1	90.0	89.2	88.7	88.5	88.0	86.4	83.6	83.7	83.8	83.4	83.0	82.8	83.5	85.0	87.0	88.6	90.8	93.3	93.5	94.6	94.4	95.0	88.4
21	94.3	93.7	89.1	87.9	87.3	87.2	86.4	81.4	84.1	83.7	83.4	83.0	82.6	82.2	83.5	86.5	89.7	91.6	93.4	96.4	97.8	98.3	98.9	99.7	89.4
22	98.7	92.8	89.7	88.7	87.7	83.5	83.0	82.6	82.6	82.2	81.8	81.5	81.2	81.8	83.8	87.0	89.5	91.0	94.3	95.1	96.4	93.6	90.2	86.3	87.7
23	85.2	84.3	83.8	84.3	83.6	82.6	82.2	82.0	81.8	81.5	81.2	81.0	80.8	80.4	80.9	83.4	87.0	89.8	92.1	94.5	97.3	99.0	96.5	95.7	86.3
24	90.8	89.3	87.2	83.6	82.8	81.8	82.0	82.2	81.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	85.1	84.8	84.5	84.2	84.0	84.7	86.7	88.8	91.7	93.5	95.2	96.2	96.4	96.3	95.7	87.9
26	94.6	92.4	91.1	90.8	79.7	79.7	80.0	80.0	80.2	80.2	80.3	80.2	80.1	79.7	80.3	82.2	84.0	87.5	89.6	92.2	93.3	93.7	93.6	93.1	85.8
27	91.7	90.5	88.1	87.0	85.5	83.0	82.3	81.7	81.7	81.5	81.3	81.4	81.5	81.1	82.8	85.6	87.9	91.0	92.7	94.2	95.6	96.8	98.3	98.0	87.5
28	97.2	95.6	91.8	89.0	87.5	86.4	85.8	85.1	84.4	83.7	83.0	82.6	82.2	82.0	83.6	86.4	89.2	90.6	93.7	96.1	96.6	97.8	93.4	91.1	88.9
29	88.8	88.1	86.4	86.0	85.8	85.5	84.9	84.8	84.4	83.3	82.3	81.6	80.8	80.5	81.7	85.3	88.1	90.6	92.7	94.9	96.9	98.6	98.2	94.4	87.7
30	91.6	89.5	87.2	86.6	86.2	85.9	85.2	85.4	85.4	84.9	84.1	83.6	82.7	82.8	84.3	87.4	90.3	92.2	94.6	95.4	94.8	94.3	94.8	92.0	88.4
Means.	92.8	90.6	88.2	87.0	85.7	84.9	84.3	83.9	83.5	83.3	82.9	82.6	82.2	81.9	83.3	86.1	88.5	90.7	93.2	95.2	96.0	96.0	95.3	94.2	88.0

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

DRY THERMOMETER (STANDARD).

Gottingen Mean Time.		Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.		P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
SEPTEMBER 1855.	1	91·0	89·3	87·8	87·4	86·9	86·3	85·9	85·6	85·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	2	—	—	—	—	—	—	—	—	—	83·6	83·4	83·2	83·6	82·4	83·5	85·7	89·0	91·5	94·2	95·6	98·0	99·7	96·9	95·3	88·8
	3	94·3	90·8	88·6	87·6	86·9	86·6	86·0	85·4	84·4	83·4	82·4	81·9	81·3	81·6	82·5	86·9	89·0	91·6	93·9	96·2	93·4	94·9	94·3	93·6	88·2
	4	90·2	88·3	86·7	86·2	86·1	85·5	85·8	84·8	84·4	84·0	83·6	83·0	82·4	82·3	82·4	84·0	86·6	89·7	92·7	94·3	97·5	97·6	96·0	92·7	87·8
	5	88·7	87·2	85·3	84·7	84·4	84·7	84·4	83·8	83·5	83·1	82·8	82·8	82·8	82·5	83·8	86·3	89·2	91·4	93·1	94·7	96·0	97·0	93·0	93·5	87·4
	6	90·8	88·7	86·9	86·2	84·2	84·6	84·1	83·8	83·5	83·3	83·2	82·6	82·0	81·4	81·9	84·4	88·0	90·5	92·9	95·4	97·4	99·4	95·0	92·8	87·6
	7	90·7	87·7	85·9	85·2	85·4	85·4	85·0	84·4	83·8	83·3	82·9	82·5	82·1	81·8	83·0	86·9	89·5	93·0	95·4	97·0	99·4	94·3	93·6	92·5	87·9
	8	90·9	88·3	86·4	86·3	85·7	86·1	85·8	84·0	82·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	9	—	—	—	—	—	—	—	—	—	82·4	81·6	80·8	80·0	79·9	80·2	83·0	87·7	90·5	92·0	93·5	92·4	92·1	91·5	90·7	86·4
	10	89·3	87·3	85·2	84·7	84·2	83·9	83·6	83·2	83·2	82·9	82·6	80·7	78·7	78·0	79·2	80·6	81·8	86·1	87·3	89·2	91·6	91·5	91·5	91·1	84·9
	11	90·3	87·7	86·0	85·3	85·0	84·1	83·6	83·3	82·8	82·7	82·7	82·7	82·7	82·9	81·4	83·6	85·8	87·6	89·1	91·3	93·4	94·7	95·3	93·0	86·5
	12	90·5	88·5	87·0	86·6	86·0	87·3	84·6	84·0	83·2	82·2	81·3	80·8	80·3	81·2	82·0	84·4	88·5	90·7	93·7	95·4	96·2	94·1	91·2	90·7	87·0
	13	89·0	88·3	87·0	86·0	87·5	85·3	84·4	84·1	84·5	83·9	83·4	80·0	76·5	78·9	77·0	79·2	82·4	85·3	87·0	89·2	90·5	92·3	93·1	89·5	85·0
	14	87·5	86·1	84·8	84·3	83·6	83·7	83·4	83·2	82·8	82·5	82·2	81·8	81·3	80·9	81·3	84·0	86·3	89·3	91·8	93·0	92·6	92·5	92·5	93·5	86·0
	15	93·5	89·8	87·6	86·6	85·2	84·8	84·2	83·9	83·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	16	—	—	—	—	—	—	—	—	—	83·3	82·7	82·1	81·5	81·0	81·9	83·8	87·2	89·8	92·5	95·8	94·0	93·3	92·9	90·6	87·1
	17	89·8	87·4	86·4	84·0	83·2	83·6	83·8	83·5	83·0	82·3	81·6	81·3	81·0	80·8	81·3	83·6	86·1	89·0	91·5	93·9	91·2	91·0	92·3	90·6	85·9
	18	89·2	86·6	85·2	84·4	84·0	83·4	83·0	82·8	83·7	83·3	83·0	82·6	82·1	81·9	82·8	86·0	88·8	91·5	93·4	94·0	92·8	93·2	93·1	92·3	86·8
	19	90·5	87·6	85·9	85·5	84·9	84·3	84·0	83·4	83·5	83·5	83·7	83·0	82·5	82·1	83·3	85·6	88·2	90·7	93·4	94·6	94·0	95·0	92·6	91·2	87·2
	20	91·5	88·7	87·1	86·3	85·6	84·9	84·6	84·7	84·3	84·2	84·1	83·2	82·2	82·2	83·0	85·6	88·7	90·4	92·5	94·5	95·5	94·7	94·2	91·6	87·7
	21	91·5	88·8	87·2	86·5	85·8	85·0	84·1	83·7	83·5	82·8	82·1	82·3	82·5	82·5	83·8	86·3	89·2	91·6	93·1	94·2	94·5	94·2	92·7	92·3	87·5
	22	90·0	88·5	86·4	86·4	86·0	86·0	85·7	85·0	84·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	23	—	—	—	—	—	—	—	—	—	83·3	83·4	83·5	83·5	80·6	81·2	84·4	87·0	89·5	90·8	91·6	91·5	91·7	91·1	89·8	86·7
	24	88·8	86·5	85·1	84·6	84·5	84·0	84·0	84·0	80·2	78·7	77·3	76·6	75·9	74·8	77·0	79·5	82·0	84·6	86·8	88·8	90·2	90·6	88·2	87·0	83·3
	25	85·5	84·2	82·6	82·2	81·8	81·9	80·6	80·2	79·8	79·4	79·0	79·0	78·9	79·0	79·4	80·2	81·9	85·4	87·5	88·5	88·5	89·4	88·3	87·3	82·9
	26	86·7	84·3	83·1	82·6	81·7	81·4	80·6	80·3	79·8	79·4	79·0	78·9	78·8	78·8	80·2	82·3	84·9	87·2	89·9	90·0	90·2	90·2	90·0	89·5	83·7
	27	87·6	86·0	84·6	84·0	83·5	83·4	82·9	82·0	82·0	81·4	80·8	80·4	80·0	79·8	80·9	83·0	86·8	88·4	90·2	90·7	91·0	91·0	91·2	90·5	85·1
	28	89·0	87·0	85·6	85·0	84·6	84·1	84·1	83·7	83·5	82·6	81·7	81·1	80·4	79·7	80·7	81·6	84·6	87·6	89·8	90·9	90·2	90·5	90·5	89·3	85·3
	29	88·0	86·1	84·7	84·4	84·2	84·2	84·0	83·7	83·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	30	—	—	—	—	—	—	—	—	—	81·3	80·8	80·3	79·7	79·6	79·9	82·6	84·6	85·5	88·0	89·5	90·6	91·3	91·3	89·8	84·9
Means.		89·8	87·6	86·0	85·3	84·8	84·5	84·1	83·6	83·1	82·5	82·0	81·5	80·9	80·6	81·3	83·7	86·6	89·1	91·3	92·9	93·3	93·4	92·5	91·2	86·3
											*		*													
OCTOBER 1855.	1	87·7	86·5	85·2	84·6	83·7	83·2	82·6	82·5	82·3	82·0	81·8	81·1	80·4	80·4	82·2	84·2	86·6	89·6	92·2	94·4	96·8	96·4	94·1	89·8	86·3
	2	83·2	83·2	83·6	83·6	77·5	76·5	78·0	78·5	78·4	78·3	78·3	78·6	78·8	78·7	79·5	83·0	85·5	88·0	90·4	91·2	91·6	93·3	92·5	88·0	83·3
	3	88·0	86·3	85·0	84·6	84·0	83·8	83·5	83·5	82·5	82·3	82·2	81·5	80·7	80·7	81·4	83·6	86·2	88·8	91·6	92·8	94·5	92·9	91·8	90·5	85·9
	4	90·0	87·1	85·8	85·3	85·0	84·0	83·5	83·6	83·2	82·6	82·0	82·0	82·0	82·0	81·7	81·8	82·2	82·2	81·8	82·3	85·0	87·3	88·3	87·8	84·1
	5	86·7	83·8	82·5	82·0	81·8	81·4	80·4	79·7	79·5	79·3	79·1	78·7	78·3	78·3	79·0	80·5	81·6	84·2	86·0	88·8	89·5	89·3	88·7	84·0	82·6
	6	82·9	82·3	82·2	82·0	81·9	81·5	81·2	80·8	80·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	7	—	—	—	—	—	—	—	—	—	73·8	74·0	74·2	74·4	74·8	74·8	74·3	74·3	74·8	76·6	76·7	77·4	79·1	79·2	79·7	78·1
	8	79·3	78·7	78·4	77·8	77·6	77·5	76·4	76·5	76·2	75·9	75·7	75·7	75·7	76·5	77·2	80·7	83·2	85·5	86·5	87·8	87·5	87·8	87·1	86·3	80·3
	9	85·0	83·3	82·6	82·4	82·4	82·5	82·7	82·5	82·0	80·8	79·7	79·5	79·3	79·3	81·0	84·3	85·8	86·5	82·8	81·5	80·0	84·6	86·7	87·0	82·7
	10	84·8	83·4	82·5	82·1	81·8	81·7	81·5	81·2	80·5	80·0	79·5	78·8	78·0	77·8	78·5	80·0	82·6	83·5	83·2	83·4	82·5	83·7	84·3	84·8	81·7
	11	83·9	82·3	80·7	80·0	79·6	79·8	79·5	79·3	78·5	78·2	78·0	77·5	77·0	75·7	75·8	76·5	78·9	80·9	84·2	85·4	86·4	85·7	86·7	85·2	80·7
	12	84·0	82·5	80·6	80·1	79·7	79·7	79·8	79·6	79·0	78·9	78·9	78·6	78·3	77·7	78·6	79·5	82·0	83·1	86·5	86·2	86·3	86·1	86·4	86·4	81·6
	13	85·3	83·5	81·8	81·0	80·4	80·2	80·0	80·0	80·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	—	—	—	—	—	—	—	—	—	79·5	78·7	77·9	77·0	76·7	77·7	80·0	82·4	84·8	86·0	88·5	88·4	88·7	88·0	87·2	82·2
	15	85·5	84·0	82·7	82·2	81·6	81·2	81·2	81·1	79·9	80·0	80·2	79·8	79·0	78·6	79·9	82·4	84·8	86·0	87·4	88·4	88·9	88·7	88·4	87·5	83·3
	16	86·3	84·6	83·6	83·0	82·5	81·6	81·2	80·6	80·6	80·3	80·0	79·9	79·7	79·6	80·3	82·7	86·0	87·5	88·0	90·3	90·2	90·2	90·2	89·4	84·1
	17	87·8	85·5	84·5	83·7	83·7	83·5	83·0	82·6	82·5	82·0	81·5	81·3	81·0	80·7	80·5	81·2	83·3	85·2	86·8	88·9	90·7	87·3	85·1	84·0	84·0
	18	84·0	83·0	81·6	81·0	81·0	80·6	80·5	80·0	80·0	76·0	76·0	75·7	75·3	75·3	76·0	77·7	79·2	79·3	81·0	83·7	85·0	85·2	85·8	85·0	80·4
	19	81·1	80·5	80·4	78·5	77·7	77·0	78·2	77·6	77·5	77·0	76·5	76·4	76·2	77·0	77·1	77·9	79·6	83·7	87·4	87·5	87·5	86·9	86·8	86·5	80·6
	20	84·7	83·0	82·3	81·9	81·8	81·7	81·6	81·6	81·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	—	—	—	—	—	—	—	—	—	83·1	81·0	78·9	76·7	78·7	77·9	79·4	82·0	82·8	84·5	87·6	87·8	85·3	84·3	84·0	82·2
	22	83·7	82·7	81·8	81·7	81·6	81·5	80·2	80·3	78·5	78·2	78·0	77·9	77·7	77·3	78·3	79·7	82·2	85·5	85·9	87·7	87·7	87·8	85·2	78·7	81·7
	23	76·3	76·7	76·8	78·6	76·7	76·7	76·5	76·2	76·3	76·3	76·3	76·6	76·8	76·8	77·5	79·6	81·8	83·5	86·4	87·5	86·6	85·6	84·7	84·3	79·5
	24	83·2	81·8	80·5	80·4	80·2	79·8	78·6	77·0	77·0	77·0	77·0	77·3	77·5	78·0	78·8	81·2	83·3	83·7	85·9	87·7	86·6	86·6	87·2	87·0	81·4
	25	86·0	83·7	82·5	81·8	81·4	81·4	80·8	80·8	80·5	80·5	80·5	80·3	80·0	80·0	80·7	81·0	81·8	82·9	81·2	85·4	85·5	87·4	88·3	88·3	82·7
	26	86·8	84·2	82·7	82·4	81·6	81·5	80·8	80·7	80·0	79·0	78·0	78·1	78·2	78·3	78·7	80·5	83·4	86·2	88·3	89·3	90·2	88·4	87·6	87·8	83·0
	27	83·5	83·4	82·8	81·8	81·0	80·5	76·5	76·0	76·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	—	—	—	—	—	—	—	—	—	76·5	76·4	76·3	76·1	76·3	76·6	79·3	81·5	83·8	86·2	86·8	87·6	86·4	87·2	86·3	81·0
	29	84·5	82·3	80·5	78·9	77·6	76·4	75·2	74·2	73·9	73·7	73·5	73·6	73·7	73·5	75·0	77·8	80·7	83·2	85·7	87·5	88·5	88·6	88·5	87·9	79·8
	30	86·3	83·8	81·8	80·6	79·1	77·6	77·0	76·8	75·8	75·5	75·3	74·8	74·2	74·0	75·2	79·0	82·0	84·8	85·9	87·0	87·6	87·0	86·0	86·0	80·5
	31	84·5	82·7	81·7	80·7	80·0	79·5	79·4	77·8	77·5	77·2	77·0	76·7	76·3	75·9	76·9	79·5	81·3	83·5	83·7	83·6	84·9	84·8	84·2	83·2	80·5
Means.		84·6	83·1	82·1	81·5	80·8	80·5	80·0	79·7	79·2	78·7	78·3	78·1	77·7	77·7	78·4	80·3	82·4	84·2	85·7	87·0	87·5	87·4	87·2	86·0	82·0

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

DRY THERMOMETER (STANDARD)

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Month'y Means.
Madras Mean Time.	P.M. h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41	
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
NOVEMBER 1855.																									
1	81·7	80·0	78·6	77·6	76·8	76·4	75·5	74·8	74·6	74·5	74·5	74·3	74·0	74·0	73·7	74·0	75·0	75·9	76·7	78·0	80·0	80·4	80·8	80·3	76·8
2	78·7	77·0	75·7	74·6	74·6	74·5	74·5	74·3	74·0	73·7	73·5	73·4	73·3	73·0	73·6	75·8	78·0	80·8	83·3	84·8	85·7	87·2	86·8	84·7	77·7
3	83·0	81·9	80·9	80·6	79·9	70·3	79·0	78·4	78·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	77·1	77·0	76·9	76·7	76·5	77·0	78·5	81·3	83·6	85·6	86·2	87·6	86·3	86·5	85·7	81·0
5	84·7	82·8	82·2	81·6	81·6	80·1	79·4	78·6	78·6	78·1	77·6	77·2	76·8	76·5	77·5	80·5	82·8	85·5	86·0	86·6	86·7	86·7	86·7	86·4	81·7
6	85·0	83·2	82·2	81·6	81·0	80·6	79·5	79·4	78·0	77·2	76·4	75·5	74·6	74·5	75·6	79·0	82·1	84·7	85·6	86·0	86·6	87·0	86·5	85·7	81·1
7	84·3	82·3	81·9	81·3	81·0	80·4	79·8	79·2	77·8	77·0	76·3	76·2	76·0	76·0	77·0	79·7	82·5	83·8	86·3	86·6	87·9	87·2	87·1	85·0	81·4
8	83·3	83·0	82·6	82·0	80·0	79·4	79·4	80·4	79·5	78·6	77·8	78·2	78·6	78·4	79·3	80·4	83·0	84·6	84·7	85·4	84·5	85·6	85·3	85·1	81·6
9	83·2	81·8	81·3	80·7	80·0	80·0	80·0	79·5	78·5	78·3	78·2	78·1	78·0	77·6	77·8	78·7	81·1	83·1	84·6	84·7	85·0	84·4	83·7	83·5	80·9
10	81·5	80·5	79·7	79·2	78·7	78·2	78·1	76·4	75·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	76·3	75·2	74·1	73·0	72·5	73·6	76·8	81·0	82·9	84·0	84·7	85·0	84·6	84·1	83·3	79·1
12	82·2	80·8	80·3	79·6	79·3	78·2	77·5	77·2	74·8	74·0	73·3	73·1	72·8	73·0	73·6	76·4	79·7	83·3	83·8	84·2	84·4	84·2	83·8	83·0	78·9
13	82·0	80·6	79·8	79·4	79·5	79·3	79·0	78·8	78·0	77·9	77·8	76·4	75·0	73·8	74·5	78·1	82·0	82·4	83·9	84·9	84·7	85·0	84·4	83·5	80·0
14	81·7	80·3	79·6	79·4	79·1	78·5	78·5	78·4	75·0	74·1	73·2	72·4	71·5	71·4	72·0	75·9	79·4	82·0	82·9	83·1	83·0	84·0	83·0	82·7	78·4
15	81·2	80·3	79·2	78·6	78·4	77·9	77·6	77·4	73·5	74·0	72·5	71·8	71·0	70·9	71·7	75·2	79·0	81·0	82·2	83·0	83·1	83·3	82·7	82·1	77·9
16	81·0	79·7	78·5	77·4	76·6	75·6	75·0	73·5	72·0	71·2	70·4	70·1	69·7	69·2	70·0	73·7	79·2	80·7	81·2	82·1	82·8	82·5	82·2	81·7	76·5
17	80·6	79·5	78·6	78·6	78·0	77·5	76·5	74·0	73·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	72·2	72·0	71·8	71·5	71·5	72·7	75·7	77·8	81·0	82·9	83·1	82·9	83·5	82·6	81·7	77·5
19	80·4	79·3	78·4	78·2	78·0	77·6	77·6	76·7	74·6	73·3	72·0	71·3	70·5	70·5	71·8	75·7	78·7	80·7	82·5	82·7	82·6	82·8	82·4	82·0	77·5
20	80·0	78·7	77·6	76·5	76·5	75·7	75·9	74·8	74·2	73·8	73·4	73·3	73·2	72·6	73·4	78·2	80·5	81·8	82·5	82·7	83·7	84·3	83·3	82·0	77·9
21	80·7	80·0	79·1	78·5	78·4	77·9	77·4	74·3	73·0	72·8	72·6	72·0	71·3	72·0	72·3	75·3	79·8	82·2	83·0	83·8	83·7	82·8	82·6	81·9	77·8
22	81·5	80·2	79·3	78·8	79·0	78·8	78·6	78·6	77·9	77·7	77·5	75·5	73·4	73·2	72·8	75·8	80·0	81·6	83·0	83·6	83·2	83·0	82·9	82·6	79·1
23	80·8	79·7	78·9	78·8	78·4	78·0	77·4	76·2	75·2	74·6	74·0	73·1	72·1	72·4	72·0	77·8	80·8	82·5	84·0	84·2	83·7	83·8	82·8	82·4	78·5
24	81·0	79·8	78·7	78·2	78·0	77·8	77·6	77·6	77·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	77·9	76·8	75·7	74·5	71·0	71·5	76·3	80·4	82·0	82·9	82·5	83·8	83·3	83·2	83·3	78·8
26	81·7	80·0	79·5	79·6	79·0	78·5	77·0	76·8	76·5	76·5	76·6	76·9	77·2	76·5	76·6	79·2	80·5	81·6	82·5	82·3	83·6	83·1	82·4	81·8	79·4
27	80·5	79·5	79·2	79·2	79·0	78·7	78·0	77·5	76·2	75·7	75·2	74·4	73·5	73·4	73·6	75·2	78·8	80.1	82·1	82·5	83·3	83·0	82·8	82·0	78·5
28	80·3	79·7	78·7	78·3	77·8	77·4	77·3	77·9	77·5	76·5	75·5	74·6	73·6	73·0	73·2	75·3	78·6	80·8	83·0	83·6	83·3	83·7	82·3	82·2	78·5
29	80·7	79·1	78·4	78·2	77·6	77·4	76·9	77·0	77·0	77·0	77·0	76·3	75·5	72·8	72·4	73·5	77·8	81·7	82·4	84·3	83·7	82·5	82·4	81·3	78·5
30	80·3	79·5	79·3	78·8	79·0	79·2	79·3	76·2	76·5	76·7	77·0	77·2	77·3	76·2	74·0	73·7	76·7	78·3	80·8	80·9	80·9	81·6	81·5	78·2	78·3
Means.	81·6	80·4	79·5	79·1	78·7	78·2	77·8	77·1	76·1	75·6	75·1	71·6	74·0	73·6	74·0	76·7	79·9	81·9	83·2	83·7	84·1	84·1	83·6	82·8	79·0
DECEMBER 1855.																									
1	78·3	78·3	77·3	77·5	77·8	77·6	77·8	78·0	77·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	76·9	76·8	76·7	76·6	77·0	75·2	75·6	75·7	77.2	75·9	76·3	75·0	74·5	75·0	75·0	76·6
3	74·8	74·0	74·0	74·0	73·8	73·8	74·0	74·0	73·8	73·8	73·9	74·0	74·1	74·4	74·8	76·4	77·8	80·6	82·8	83·1	82·8	83·2	82·0	81·0	76·7
4	79·4	78·6	78·1	77·8	77·6	77·4	77·1	76·8	76·2	75·9	75·6	75·6	75·5	75·5	75·5	75·5	77·0	78·6	81·2	82·3	82·9	82·0	81·0	81·8	78·1
5	79·1	78·6	78·1	78·1	78·1	77·7	76·3	76·0	75·1	74·7	74·4	74·5	74·5	74·5	74·7	75·0	76·0	77·8	78·4	80·6	83·2	83·0	82·0	81·5	77·6
6	80·3	79·0	78·1	77·6	77·5	77·6	77·5	77·5	77·8	77·4	77·0	76·8	76·6	76·4	77·2	79·0	80·8	82·6	82·8	82·5	82·7	82·8	82·2	81·5	79·2
7	80·4	79·3	78·5	77·9	77·7	77·4	76·8	76·5	76·5	76·0	75·6	74·6	73·6	73·4	75·0	77·8	80·2	81·3	82·0	82·8	82·2	82·9	83·0	81·3	78·4
8	80·3	78·7	78·0	77·7	77·6	77·5	77·5	77·4	77·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	77·6	76·6	75·6	74·5	74·4	75·0	77·8	80·0	82·0	82·4	83·4	83·0	83·7	81·8	81·8	78·8
10	79·7	78·6	77·8	77·4	77·2	77·3	77·2	77·0	76·5	75·2	74·0	73·3	72·5	71·8	72·0	74·5	77·8	79·8	81·0	82·0	82·1	81·3	81·5	80·2	77·1
11	79·7	78·7	77·2	77·0	76·6	76·0	74·9	74·5	74·0	72·9	71·8	71·2	70·6	70·0	70·4	72·9	76·6	78·5	80·5	81·4	81·4	81·0	79·7	79·0	76·1
12	78·0	76·8	76·0	74·5	74·3	73·5	71·5	70·7	70·3	69·7	69·1	68·8	68·5	67·4	67·6	70·4	73·6	76·0	78·2	81·2	80·8	80·3	80·1	79·5	74·0
13	78·4	76·5	75·7	74·4	73·8	72·1	71·6	71·1	70·5	70·2	70·0	69·6	69·2	68·4	68·5	71·5	75·3	78·0	79·1	80·4	82·2	81·6	84·9	86·2	75·0
14	84·0	80·0	78·7	77·5	76·3	75·0	73·1	72·0	71·0	70·8	70·6	70·2	69·8	68·7	69·0	75·6	81·0	80·8	84·2	84·5	85·0	85·2	85·0	84·9	77·2
15	82·5	79·6	78·0	77·9	75·3	72·6	72·0	70·6	70·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	75·6	75·1	74·6	74·0	73·9	73·9	77·4	79·5	83·4	83·4	84·4	84·7	86·4	85·0	85·2	78·1
17	83·3	79·4	78·0	77·0	76·6	76·5	76·4	76·6	76·4	76·1	75·8	75·4	75·0	74·8	72·9	76·4	78·0	82·2	84·6	85·6	83·2	84·8	83,8	83·3	78·8
18	83·2	79·0	77·6	76·5	75·6	74·8	74·6	72·5	71·8	70·6	69·5	69·6	69·6	69·4	69·4	76·9	81·0	83·2	84·3	85·2	85·5	85·8	85·2	83·6	77·3
19	81·5	79·6	77·1	76·4	76·4	74·9	74·7	74·6	75·0	74·5	74·0	72·3	70·6	72·5	72·3	76·8	81·0	83·0	84·7	85·5	85·7	85·6	84·8	83·7	78·2
20	81·2	78·6	77·0	75·6	73·6	73·4	72·4	71·0	69·9	69·3	68·7	68·5	68·3	67·5	67·2	74·0	73·6	81·3	84·0	84·0	82·7	85·2	85·3	83·4	75·7
21	82·0	78·8	77·2	75·9	74·2	73·4	71·2	70·5	69·5	68·7	68·0	67·5	67·0	67·0	69·3	75·2	79·0	82·0	83·8	84·7	84·5	84·6	84·2	83·3	75·9
22	81·9	79·2	77·3	77·1	76·6	74·5	74·3	74·0	73·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	75·7	75·5	75·3	75·0	74·8	75·2	75·6	77·7	82·2	82·4	83·5	84·6	84·5	84·0	83·0	78·2
24	80·2	78·9	77·9	77·2	76·5	76·4	76·2	75·8	74·0	73·1	72·3	72·0	71·7	70·8	71·3	72·4	75·5	81·5	80·0	79·3	81·0	82·1	81·6	81·8	76·6
25	80·2	77·3	76·0	74·6	73·3	72·5	72·5	71·6	71·0	70·5	70·0	68·8	67·5	67·0	66·7	73·7	77·7	79·3	82·7	83·3	84·0	82·8	84·4	82·2	75·4
26	80·8	78·0	75·8	75·6	75·4	74·7	73·6	73·0	71·7	70·7	69·7	68·4	67·0	67·0	66·5	70·3	72·8	77·1	80·4	83·4	82·6	82·6	81·3	81·7	75·0
27	80·2	78·3	76·5	75·7	74·6	74·9	74·8	74·7	74·8	74·0	73·2	72·9	72·5	72·5	72·0	73·6	80·0	82·6	83·4	84·3	85·0	85·2	85·3	83·8	77·7
28	81·5	78·6	77·4	76·6	76·1	75·6	74·6	74·6	72·6	71·9	71·3	70·6	69·8	69·3	69·3	74·5	78·2	81·2	81·0	83·2	83·4	82·3	83·0	81·9	76·6
29	79·6	77·8	76·9	76·3	76·2	76·0	75·7	74·7	73·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	75·4	75·2	75·4	75·6	76·0	76·2	78·5	81·9	82·8	82·6	84·0	82·9	82·5	81·5	80·0	78·2
31	79·2	77·9	77·0	77·0	76·5	76·2	76·0	76·0	76·0	76·2	76·5	76·5	76·5	76·2	76·2	76·8	77·2	77·2	76·8	76·8	79·0	79·4	80·8	79·4	77·2
Means.	80·4	78·4	77·2	76·6	76·0	75·4	74·8	74·3	73·7	73·6	73·1	72·6	72·2	71·9	72·1	75·2	77·9	80·5	81·6	82·6	82·8	82·9	82·6	81·9	77·1

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

WET THERMOMETER (STANDARD No. 8.)

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41	
JANUARY 1855.	°	°	°	°	°	°	°	°	°	° *	°	° *	°	°	°	°	°	°	°	°	°	°	°	°	°
1	70·4	69·4	69·7	69·5	69·6	69·7	69·5	69·4	68·2	67·6	67·4	67·8	68·2	69·2	69·7	69·2	70·2	70·2	73·7	73·5	73·5	73·3	72·8	75·2	70·3
2	73·2	71·7	72·4	73·2	72·7	72·2	73·1	72·7	72·2	72·1	72·0	71·6	71·2	70·2	71·7	72·9	73·2	74·7	75·4	77·2	76·4	75·9	76·2	75·0	73·3
3	75·4	75·2	75·0	74·9	74·5	74·2	73·7	73·7	74·2	73·9	73·7	73·5	73·2	72·2	72·2	72·6	73·7	74·7	75·7	75·2	75·7	76·4	76·0	75·2	74·4
4	75·7	75·5	75·6	76·0	75·2	75·1	75·1	75·0	74·7	74·4	74·2	74·3	74·4	74·4	74·3	75·4	75·2	75·6	76·7	77·2	76·5	76·6	76·4	76·0	75·4
5	76·4	76·2	75·4	74.2	74·3	74·2	74·2	74·2	74·2	73·6	73·4	73·2	73·0	72·1	72·7	73·5	75·2	75·6	73·9	73·8	75·0	77·0	77·7	76·1	74·6
6	75·7	75·4	74·0	74·1	74·2	74·7	74·6	74·4	74·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	72·9	73·2	73·5	73·7	74·2	74·4	75·0	75·9	76·2	77·2	78·2	78·7	78·7	77·4	76·6	75·3
8	76·6	77·0	76·3	76·4	75·6	75·6	75·4	75·4	74·7	74·6	75·0	74·7	74·4	74·9	75·2	75·7	76·7	77·2	77·2	77·4	77·2	77·2	76·7	77·1	76·0
9	76·2	75·8	75·9	75·6	75·6	75·2	74·4	74·2	73·4	73·3	73·3	73·5	73·7	73.2	73·0	74·2	75·9	76·0	77·2	77·2	76·6	76·0	75·7	76·1	75·1
10	75·7	75·4	75·0	74·5	74·0	74·2	74·0	73·2	72·4	72·2	72·0	72·2	72·4	72·6	72·9	74·0	75·4	76·8	77·2	77·2	77·2	76·7	76·7	76·2	74·6
11	76·7	75·3	74·5	74·4	74·0	74·2	74·0	73·4	74·0	73·1	72·2	72·2	72·2	72·6	71·7	73·2	75·0	75·4	75·1	75·4	75·1	73·5	73·4	74·4	74·0
12	75·7	75·2	75·1	74·6	74·7	73·7	73·6	73·2	73·2	73·0	72·9	72·6	72·2	72·2	72·2	74·0	74·4	75·2	75·4	75·0	74·2	74·2	74·2	73·2	73·9
13	72·6	73·7	74·2	74·2	74·2	73·7	73·4	73·2	73·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	70·6	70·7	70·6	70·6	70·2	69·4	70·7	72·1	73·7	74·2	73·3	73·0	72·5	71·6	70·2	72·3
15	70·2	70·4	71·2	71·1	70·7	69·9	68·9	68·4	67·9	67·3	66·7	66·1	65·5	65·1	66·2	69·0	70·2	68·2	68·2	67·4	68·2	68·9	69·4	69·1	68·5
16	68·5	69·4	69·4	68·4	69·0	69·2	69·4	69·9	69·2	69·0	68·6	68·6	68·4	68·0	68·4	70·2	71·9	73·1	73·2	74·0	74·2	74·6	73·7	73·2	70·5
17	74·0	73·2	73·0	73·4	73·2	72·6	73·0	72·4	73·0	72·6	72·2	72·5	72·7	72·7	73·2	73·2	73·7	74·2	75·2	76·2	76·2	76·4	76·6	76·1	73·8
18	76·0	75·9	75·1	74·6	75·2	75·2	74·1	74·2	74·4	74·3	74·2	74·4	71·5	73·7	74·4	75·1	75·2	76·2	76·7	76·7	77·2	76·2	76·0	76·0	75·3
19	75·8	75·7	75·7	75·5	75·5	74·4	74·7	74·9	74·6	74·6	75·0	75·1	75·2	75·7	74·7	75·2	75·4	76·6	77·0	77·2	76·2	75·9	75·7	75·4	75·5
20	76·2	75·2	74·2	73·9	73·9	74·1	73·3	73·4	73·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	72·6	72·6	72·4	72·1	71·5	71·7	72·7	73·2	73·6	73·6	74·2	74·2	73·7	72·9	72·2	73·4
22	72·7	71·6	71·5	70·9	70·4	69·7	69·2	69·2	69·9	68·5	67·2	67·6	68·0	68·2	68·0	69·9	71·2	71·6	71·7	72·4	72·4	72·9	72·4	72·4	70·4
23	71·7	71·6	70·4	69·4	69·5	69·4	69·2	69·0	68·4	67·6	67·2	67·4	67·5	66·7	67·0	69·2	70·2	71·2	71·2	71·7	72·0	71·2	71·4	71·4	69·7
24	71·0	70·7	70·1	69·8	69·5	69·0	68·1	68·7	68·0	67·4	66·9	66·3	65·7	66·0	65·9	68·2	70·0	71·9	68·6	69·9	70·4	71·4	71·2	70·8	69·6
25	70·6	69·9	69·9	70·2	70·0	69·2	69·2	68·7	68·2	67·7	67·3	66·8	66·2	65·5	65·2	67·9	69·6	70·9	72·2	71·2	71·2	70·7	70·2	70·2	69·1
26	69·2	69·6	69·5	68·9	68·0	66·8	67·2	67·0	67·2	66·7	66·2	65·7	65·2	64·3	65·0	66·7	69·9	71·2	71·2	71·6	71·2	70·8	71·5	71·4	68·4
27	71·2	71·5	70·5	70·0	69·9	69·2	68·3	68·2	68·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	67·7	67·7	67·7	67·6	67·0	66·2	68·5	70·9	71·2	71·4	71·2	71·2	71·2	71·4	70·7	69·6
29	71·0	70·2	69·5	69·2	69·2	69·4	68·6	68·2	67·7	67·9	68·2	68·3	68·4	68·2	68·4	68·7	69·6	70·2	71·0	71·7	72·4	72·2	73·2	72·8	69·6
30	71·8	71·0	70·2	70·2	70·2	70·6	70·5	71·0	70·6	71·4	72·2	72·0	71·6	71·0	70·4	70·2	71·2	72·2	72·2	72·7	72·8	72·9	72·7	72·1	71·4
31	71·2	71·2	70·4	70·2	70·1	70·1	70·1	69·6	69·0	68·6	68·2	68·0	67·7	68·2	67·7	70·2	72·4	72·9	73·2	73·0	73·0	72·6	71·4	71·0	70·4
Means.	73·4	73·1	72·7	72·5	72·3	72·1	71·8	71·7	71·4	71·0	70·8	70·7	70·6	70·1	70·4	71·7	72·9	73·6	73·9	74·1	74·1	74·1	73·9	73·6	72·4

N. B. 0°.3 Added to the Registered Number for reduction to the Old Madras Standard.

FEBRUARY 1855.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
1	70·7	71·2	69·2	69·2	69·2	69·0	68·0	67·7	67·2	67·1	67·0	67·1	67·2	66·9	66·4	68·2	70·2	71·2	71·2	72·2	71·2	71·9	72·2	72·0	69·3
2	71·9	71·2	70·5	69·7	69·6	68·9	68·6	68·2	67·9	66·5	65·2	65·2	65·2	66·2	66·2	69·4	71·2	72·6	72·4	72·7	72·7	72·2	72·2	72·2	69·5
3	72·2	71·7	71·7	71·0	70·5	70·2	70·0	69·6	69·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	70·4	70·0	69·6	69·2	68·5	68·5	70·2	72·0	72·2	73·0	73·4	73·2	73·7	73·4	73·1	71·1
5	72·2	72·7	72·1	71·6	71·6	71·3	71·4	71·4	71·2	71·2	71·2	71·5	71·8	72·0	71·9	73·2	73·9	74·2	73·8	74·3	74·0	73·2	74·2	74·2	72·5
6	74·6	73·6	73·2	73·3	73·3	73·0	73·0	72·9	72·7	73·0	73·4	73·3	73·2	73·2	72·7	73·4	74·5	74·2	74·0	74·0	73·9	73·9	73·7	74·0	73·5
7	73·6	73·0	72·2	71·6	70·9	71·0	70·7	70·5	71·2	70·7	70·2	69·7	69·2	68·2	68·4	69·8	71·0	73·0	73·3	73·2	73·2	73·2	73·0	72·4	71·4
8	71·5	71·4	70·1	70·1	70·0	70·0	70·0	69·9	68·2	67·8	67·4	67·3	67·2	65·7	66·1	68·6	71·4	70·0	68·2	70·2	69·7	70·2	69·2	68·9	69·1
9	69·0	69·4	68·6	67·6	67·1	67·7	66·6	66·5	66·2	67·1	68·0	67·1	66·2	64·7	64·6	67·0	68·4	68·7	69·2	69·4	70·4	70·4	70·0	68·7	67·6
10	68·6	68·3	68·1	68·1	68·1	67·4	68·2	68·0	67·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	70·6	70·2	69·8	69·4	67·7	67·4	68·6	70·4	70·7	71·2	72·2	71·2	73·2	71·9	71·9	69·5
12	71·2	71·7	71·0	71·2	70·7	70·0	69·2	69·0	68·2	67·7	67·2	67·0	66·7	66·2	66·6	69·0	71·2	71·2	71·7	72·2	72·0	71·2	71·3	71·7	69·8
13	72·0	70·6	70·5	70·2	70·2	70·0	69·6	69·2	69·2	67·6	66·4	66·3	66·2	66·6	67·2	69·4	71·0	70·0	70·2	71·2	72·2	72·7	73·1	71·5	69·7
14	70·9	69·6	68·4	68·3	68·4	68·4	67·5	67·5	67·6	67·4	67·2	67·3	67·4	67·2	66·4	68·7	69·6	70·0	71·5	71·7	72·2	72·2	72·9	72·4	69·2
15	71·9	71·0	70·9	70·9	70·6	70·9	69·9	70·2	68·4	68·4	68·4	68·2	68·0	67·7	68·4	70·4	72·0	72·2	72·7	73·0	73·2	73·3	73·2	72·6	70·7
16	71·2	71·2	70·2	69·9	69·9	69·6	69·6	70·1	69·4	68·9	68·4	67·9	67·4	66·4	67·2	69·7	71·0	70·8	71·2	72·2	72·5	73·2	73·4	73·9	70·2
17	74·4	74·3	74·0	74·0	74·0	73·9	73·6	73·1	73·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	74·1	74·0	73·9	73·7	74·2	74·4	75·2	76·0	76·2	76·2	77·0	76·7	76·2	77·3	77·0	74·9
19	76·6	76·3	75·5	75·4	75·8	76·2	76·0	76·0	76·2	76·2	76·2	75·7	75·2	75·2	75·4	76·0	76·0	77·6	78·2	79·0	78·9	77·9	78·4	77·9	76·6
20	77·4	76·7	77·1	76·7	76·2	75·9	76·0	75·8	75·7	75·4	75·2	75·2	75·2	75·0	75·0	76·2	77·2	76·7	76·3	78·0	77·2	76·7	77·2	77·9	76·4
21	77·9	77·2	77·0	76·6	76·1	75·4	74·9	74·7	75·2	75·3	75·4	75·4	75·3	74·4	74·7	76·2	77·0	76·4	76·5	77·2	77·2	77·7	78·0	77·4	76·2
22	77·2	77·0	76·5	76·0	75·8	75·6	75·8	75·5	76·2	76·1	76·0	75·7	75·4	75·1	74·9	76·2	77·2	77·2	77·9	78·2	77·2	76·5	77·2	77·2	76·4
23	76·7	76·0	75·6	75·5	75·2	75·2	75·3	75·3	75·2	75·2	75·2	75·1	74·9	75·4	71·8	73·2	74·5	76·2	76·1	78·0	76·6	76·4	79·2	79·1	75·9
24	79·2	79·2	76·4	76·2	78·2	77·8	77·6	77·6	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	75·6	75·4	75·0	74·6	74·5	75·2	76·0	77·2	78·1	77·9	78·5	78·7	76·4	76·2	77·8	77·3
26	76·7	76·6	76·3	75·4	75·4	75·2	75·0	75·2	75·2	75·3	75·4	75·1	74·6	74·6	74·0	75·2	74·7	75·9	75·7	77·2	77·6	76·7	76·2	75·3	75·6
27	75·0	74·4	73·9	73·7	73·4	73·8	72·2	73·0	71·7	71·4	71·2	70·7	70·2	70·2	70·2	72·2	72·0	73·0	73·5	74·0	73·2	72·7	73·0	73·9	72·6
28	73·2	72·4	70·7	70·5	70·2	72·3	70·5	70·4	70·2	70·4	70·7	70·4	70·0	70·2	69·4	71·2	72·0	73·4	74·5	75·2	75·2	74·2	74·2	73·7	71·9
Means.	73·6	73·2	72·6	72·3	72·1	72·0	71·6	71·6	71·3	71·2	71·0	70·8	70·6	70·3	70·1	71·8	73·0	73·4	73·7	74·3	74·3	74·2	74·3	74·0	72·4

N. B.—0°.3 Added to the Registered Number for reduction to the Old Madras Standard.

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

WET THERMOMETER (STANDARD No. 8).

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
MARCH 1855. 1	74·1	73·2	72·8	72·2	72·2	71·9	72·5	72·2	72·2	71·8	71·4	70·8	70·2	70·4	71·0	72·0	72·9	73·2	74·2	74·0	74·9	74·4	74·9	75·0	72·7
2	74·4	73·7	73·2	73·4	74·0	73·9	74·2	73·9	73·7	73·9	74·2	74·0	73·7	72·9	72·7	74·8	76·0	77·2	77·7	77·9	78·7	78·9	79·0	76·2	75·2
3	78·9	77·7	77·0	78·9	76·7	76·4	76·4	76·4	78·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	74·8	75·2	75·6	73·9	75·2	75·9	76·4	77·2	78·2	78·9	79·2	79·2	79·2	76·7	78·7	77·1
5	78·0	77·2	76·6	76·4	76·4	76·4	76·2	75·2	75·2	75·3	75·4	75·3	75·2	75·2	75·5	76·2	76·9	77·2	77·2	77·8	78·2	77·9	78·2	77·6	76·5
6	77·1	76·2	76·0	75·4	75·2	74·8	74·5	74·5	74·2	73·8	73·4	73·3	73·2	72·9	73·2	74·9	75·2	75·7	75·7	75·3	75·2	75·6	75·0	75·2	74·8
7	74·5	74·3	73·6	73·6	73·5	73·2	73·2	73·2	73·2	72·7	72·2	71·6	70·9	70·4	71·0	73·8	75·2	75·2	74·4	74·8	74·9	75·1	75·8	75·5	73·6
8	75·0	74·2	74·0	74·0	73·3	73·2	73·0	72·2	73·2	71·8	71·4	71·5	71·6	71·2	71·0	72·9	73·2	73·6	74·2	74·8	75·4	75·2	75·0	75·5	73·3
9	74·7	74·2	73·8	73·6	73·3	73·2	73·2	73·0	73·2	71·9	71·6	71·4	71·2	70·9	71·6	73·2	75·3	76·2	77·0	77·9	76·7	77·4	78·2	77·2	74·1
10	76·9	76·1	75·4	75·1	75·2	75·2	75·1	75·2	75·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	75·2	74·2	73·2	73·2	71·9	71·7	73·3	76·0	76·0	76·2	78·9	76·3	75·6	75·4	73·1	75·0
12	74·2	73·9	73·4	73·3	73·4	73·4	72·8	72·4	72·2	71·7	71·2	71·2	71·2	71·0	71·0	72·4	73·2	73·0	73·2	73·8	73·7	73·1	73·2	73·2	72·7
13	73·2	72·7	72·2	72·6	72·1	72·2	72·2	71·7	71·5	71·3	71·2	70·7	70·2	69·2	69·8	72·0	73·0	73·8	74·7	76·5	76·2	75·8	76·0	75·7	72·8
14	78·0	77·2	76·2	73·3	73·4	74·2	74·0	73·9	73·2	72·9	72·7	72·7	72·7	70·7	71·6	73·9	75·2	75·2	76·6	75·9	76·0	76·0	75·6	75·9	74·4
15	75·2	74·0	74·2	73·4	73·6	73·7	73·4	72·9	72·7	72·7	72·8	73·0	73·2	72·2	72·2	74·2	75·2	75·7	75·7	76·2	77·2	76·5	76·4	76·4	74·3
16	75·7	74·8	74·2	73·4	74·2	74·1	75·2	74·4	74·2	74·2	74·2	73·2	72·2	72·2	73·2	74·4	75·2	76·2	76·6	77·4	77·0	76·4	76·2	75·3	74·6
17	75·4	74·7	73·8	73·6	73·4	73·5	73·3	73·4	73·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	75·2	74·2	73·2	72·2	71·7	71·4	72·2	74·2	74·6	75·7	76·0	76·1	75·5	75·4	75·6	74·1
19	75·7	74·9	73·5	74·2	74·1	73·2	74·3	74·2	74·2	73·2	72·2	72·3	72·4	72·2	72·7	74·2	75·2	75·8	76·4	77·2	77·9	78·0	77·5	77·2	74·7
20	77·2	78·4	75·9	75·8	75·3	75·2	75·2	75·4	75·2	74·6	74·0	73·2	72·4	72·7	73·9	75·7	76·7	77·2	77·2	76·1	77·9	78·0	78·0	77·9	75·8
21	77·2	76·7	76·4	76·4	76·6	76·0	76·0	75·9	75·9	75·5	75·2	74·9	74·6	74·6	75·1	76·7	76·2	80·2	79·2	77·2	74·2	76·4	75·7	77·2	76·3
22	77·3	77·5	77·4	76·2	76·2	75·4	75·2	75·2	75·4	74·8	73·9	73·6	73·2	73·0	73·4	76·2	77·2	77·6	77·2	76·6	75·4	76·3	77·2	78·2	75·6
23	77·2	76·7	75·4	75·2	74·9	74·7	74·2	73·2	73·2	72·9	72·7	72·1	71·4	71·2	72·2	75·2	76·4	76·2	75·6	75·2	78·0	76·1	78·2	75·9	74·8
24	75·9	74·7	74·2	74·2	73·6	74·2	73·7	71·7	71·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	75·6	75·2	74·6	74·4	73·7	73·6	75·5	77·4	77·4	78·1	78·3	78·8	79·0	79·2	79·4	75·6
26	79·0	78·6	78·2	76·1	78·2	78·3	78·0	77·4	77·2	76·8	76·4	75·3	74·2	75·2	76·3	78·0	79·0	79·6	79·2	80·2	80·2	79·9	79·4	80·1	78·0
27	79·4	79·7	78·2	77·2	76·7	77·5	77·1	77·0	78·2	75·8	75·5	75·4	75·2	74·6	76·0	76·7	78·2	79·2	79·4	78·8	79·1	78·7	79·2	79·2	77·5
28	79·5	79·0	77·9	77·2	77·6	77·6	78·1	78·2	77·2	77·1	77·0	77·1	77·2	76·2	77·4	78·7	79·2	79·7	80·7	80·7	80·2	80·7	80·2	80·2	76·5
29	80·2	79·6	80·0	79·3	79·8	79·5	79·4	79·4	79·0	78·1	77·2	76·7	76·2	76·6	78·4	80·4	79·6	80·2	80·5	81·0	61·0	81·2	81·2	80·1	79·4
30	79·9	79·2	76·9	78·7	78·9	79·0	78·9	78·9	77·8	77·6	77·5	77·1	76·6	76·2	77·4	79·2	80·2	80·2	80·7	80·9	80·6	80·2	80·8	80·4	79·0
Means.	76·6	76·1	75·5	75·1	75·1	75·0	75·0	74·7	74·4	74·3	73·9	73·6	73·2	72·9	73·4	75·1	70·2	76·7	77·0	77·3	77·2	77·2	77·2	77·1	75·4
March 31	80·0	79·0	79·1	78·4	78·7	78·9	76·6	78·3	78·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
APRIL 1855. 1	—	—	—	—	—	—	—	—	—	79·7	79·2	78·7	78·2	77·2	78·2	79·3	79·6	82·0	81·4	62·0	62·2	81·4	81·9	81·2	79·6
2	80·6	80·8	80·3	80·0	79·4	79·5	79·4	76·4	78·7	78·8	78·9	78·9	78·9	78·4	79·0	79·4	79·8	79·2	80·2	81·2	81·2	81·2	80·7	61·1	79·8
3	80·0	81·0	80·1	79·5	79·5	79·4	79·5	77·7	76·1	76·1	76·2	76·6	76·9	77·4	78·5	78·4	79·2	80·2	81·2	81·7	81·2	81·2	80·7	80·4	79·2
4	80·8	80·2	79·7	79·4	76·9	79·2	79·4	79·3	78·5	78·2	78·0	77·9	77·7	77·4	76·2	78·7	79·2	79·2	79·8	81·0	81·2	81·2	80·2	79·2	79·3
5	79·2	79·8	79·1	79·1	78·3	79·0	78·8	78·4	78·1	77·6	77·2	77·5	77·8	77·9	78·2	78·5	79·0	80·2	79·6	80·0	80·2	81·1	80·5	80·2	79·0
6	80·0	80·2	80·0	79·8	79·9	79·5	79·4	79·1	78·2	77·8	77·4	76·9	76·4	76·2	78·2	80·0	60·0	81·2	81·7	81·7	81·4	81·0	81·4	81·5	79·5
7	81·7	80·6	80·0	79·2	78·6	78·6	78·4	74·2	73·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	74·8	74·6	74·4	74·1	73·4	75·2	77·0	77·5	77·7	78·5	76·6	78·2	78·4	78·9	78·0	77·3
9	77·9	77·6	77·2	77·0	77·0	77·2	76·8	76·2	78·2	75·8	75·4	74·9	74·4	73·9	75·2	77·7	78·4	78·7	78·7	78·3	78·9	79·0	78·7	79·9	77·1
10	80·6	78·7	76·0	77·0	77·1	77·0	77·1	77·3	76·7	75·9	75·2	75·0	74·7	74·4	75·2	77·5	78·0	77·0	79·1	79·2	78·2	79·2	79·2	78·7	77·3
11	79·0	77·2	76·2	75·9	76·2	75·8	75·7	75·5	75·9	75·5	75·2	74·8	74·4	74·6	75·2	76·2	77·4	79·0	79·2	80·2	79·4	80·2	80·9	79·8	77·0
12	79·3	78·6	78·2	78·5	78·3	76·1	76·1	77·9	77·7	77·4	77·2	77·4	77·5	77·2	77·6	79·1	79·7	80·0	80·2	80·1	81·0	80·9	81·2	80·7	78·8
13	80·6	80·2	79·2	79·2	78·9	79·1	79·3	79·3	80·0	79·1	78·2	77·8	77·4	77·7	78·6	80·2	80·4	80·2	82·0	81·2	81·4	80·0	80·5	79·9	79·6
14	80·6	80·4	79·3	79·7	79·7	79·6	79·3	79·4	79·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	80·6	80·0	79·4	78·7	77·4	78·7	79·5	80·4	81·0	61·2	81·2	81·2	81·4	81·5	80·9	80·0
16	80·4	79·7	78·4	78·1	78·9	79·2	79·3	79·2	78·2	77·9	77·7	77·4	77·0	76·7	78·5	79·7	79·9	80·2	80·8	81·2	81·2	80·9	80·6	80·7	79·2
17	80·2	79·8	78·9	78·3	78·2	77·7	78·2	77·3	77·4	77·2	77·1	76·7	76·2	75·7	77·2	78·2	79·2	80·0	80·2	80·2	80·2	79·2	79·2	78·7	78·4
18	78·8	76·5	76·9	78·0	79·0	78·9	79·1	79·0	79·2	79·3	79·4	79·2	78·9	78·5	78·9	81·1	80·4	80·3	81·4	82·4	81·5	82·1	82·7	82·4	79·9
19	82·9	81·4	80·7	80·6	80·2	79·8	79·4	79·2	79·3	79·2	79·2	79·3	79·4	79·2	79·7	80·4	81·0	81·0	81·7	82·2	82·2	82·5	62·9	82·8	80·7
20	82·2	81·7	81·4	81·4	80·7	81·2	61·4	80·0	80·4	80·4	80·4	80·6	80·7	80·6	80·4	80·7	81·2	82·0	82·4	83·2	83·7	83·9	86·0	83·5	81·7
21	82·2	82·5	62·6	62·3	82·1	81·4	81·2	81·2	81·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	81·3	81·2	81·1	81·0	80·7	81·2	62·0	82·2	82·2	82·2	82·0	83·2	83·1	62·2	81·2	81·8
23	81·0	80·1	80·0	81·1	81·0	81·1	61·0	80·2	80·2	80·2	80·2	80·2	80·2	80·6	81·0	61·1	61·6	82·2	82·4	83·2	83·6	83·4	62·9	83·2	81·3
24	82·8	82·2	82·2	82·4	81·8	81·3	80·9	80·7	80·2	80·6	81·0	81·4	81·7	81·9	81·7	82·0	82·2	82·7	82·7	83·0	82·6	82·8	62·7	82·1	81·9
25	81·4	81·0	80·3	80·3	80·2	78·2	80·1	80·0	79·2	79·5	79·8	79·8	79·7	79·7	80·5	61·0	61·4	83·0	83·2	83·2	83·0	82·2	82·8	82·4	80·9
26	82·2	82·2	61·4	61·2	80·8	80·0	80·1	78·9	78·2	77·8	77·4	77·7	76·0	77·4	78·2	79·8	79·2	79·2	80·2	81·0	81·0	80·8	81·4	82·0	79·9
27	82·2	82·7	82·2	82·2	82·2	82·3	82·0	81·9	80·9	80·5	80·2	80·1	79·9	79·5	80·7	61·2	82·4	82·8	83·2	83·2	83·7	83·2	83·0	82·4	81·9
28	81·6	80·5	79·3	79·7	80·2	80·3	79·9	79·9	80·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	80·0	79·4	78·8	78·2	77·4	78·2	79·4	80·4	80·2	81·2	82·2	81·8	81·2	81·7	61·2	80·1
30	80·6	80·2	79·9	79·6	79·6	79·6	76·6	78·4	78·2	77·4	76·6	76·2	75·7	76·2	76·6	79·1	76·4	77·8	78·2	80·4	81·2	82·6	82·8	82·9	79·0
Means.	80·6	80·3	79·7	79·5	79·4	79·3	79·3	78·8	78·4	76·4	78·2	78·0	77·8	77·6	78·4	79·5	79·9	80·4	80·9	81·3	61·3	81·3	61·4	61·0	79·6

N. B. 0·2 Added to the Registered Number for reduction to the Old Madras Standard.

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WET THERMOMETER (STANDARD No. 8).

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h.m. 4.14	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41	
	°	°	°	°	°	°	°	°	°	° *	°	° *	°	°	°	°	°	°	°	°	°	°	°	°	°
MAY 1855.																									
1	82·2	82·2	81·0	80·5	80·3	80·3	79·8	79·8	79·2	78·7	78·2	77·7	77·2	77·2	79·4	80·2	80·6	81·2	80·1	82·2	83·3	83·8	84·0	83·4	80·5
2	83·0	82·2	82·2	82·1	81·1	81·1	81·1	81·0	80·2	80·2	80·2	79·8	79·4	80·1	81·0	81·7	81·4	80·9	82·5	80·9	81·0	80·3	81·2	80·5	81·0
3	80·2	80·7	80·3	80·5	80·5	80·2	79·7	79·2	78·9	78·5	78·2	77·7	77·2	76·4	77·8	80·2	80·4	81·0	81·2	81·2	83·1	83·9	83·2	83·5	80·2
4	82·9	82·0	82·0	81·9	81·9	81·9	81·9	81·9	81·4	81·3	81·2	80·2	79·2	79·4	81·2	81·2	81·4	82·3	82·7	81·4	80·6	81·0	81·2	80·6	81·4
5	81·2	79·2	79·7	79·9	80·3	80·7	81·4	81·2	81·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	80·8	80·4	80·0	79·6	79·0	79·9	80·4	82·0	82·2	80·5	79·7	81·9	82·2	81·6	82·6	80·7
7	83·1	81·7	82·1	82·3	83·0	83·2	82·7	82·5	82·2	81·9	81·7	81·8	81·9	81·2	82·0	82·2	82·2	82·5	83·1	83·2	83·3	82·7	82·9	82·4	82·4
8	81·9	82·0	81·7	81·2	81·2	81·2	82·4	81·7	81·2	81·2	81·2	81·6	82·0	82·1	82·2	82·7	82·8	84·0	84·4	84·9	81·7	83·5	83·2	83·0	82·4
9	83·4	83·8	83·9	83·4	82·9	82·8	82·1	81·8	81·4	81·3	81·2	80·5	79·8	79·5	80·2	81·2	81·6	82·0	82·2	83·2	83·5	83·0	84·2	83·5	82·2
10	83·2	83·0	82·8	82·6	82·2	82·4	82·0	81·9	82·2	81·7	81·2	81·1	81·0	80·4	81·6	81·0	81·2	80·4	81·0	79·9	80·7	81·0	80·7	80·7	81·5
11	81·2	81·6	81·8	81·9	82·0	82·1	82·2	82·0	82·0	81·6	81·2	81·3	81·4	81·2	81·6	82·4	82·2	83·2	84·4	83·9	84·0	83·4	83·2	82·7	82·4
12	83·3	83·2	83·4	83·2	83·3	83·6	83·5	82·9	82·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	81·3	81·0	80·7	80·3	79·7	80·2	78·2	77·4	78·2	80·9	80·7	80·9	82·1	81·1	80·4	81·3
14	81·2	80·7	81·2	81·7	83·1	83·2	82·3	82·2	81·6	81·6	81·7	80·9	80·0	79·2	79·2	81·0	78·8	76·2	80·0	80·2	79·2	79·7	79·2	79·0	80·5
15	79·9	80·4	80·2	80·3	79·2	79·8	80·2	81·2	81·2	81·2	81·2	79·2	77·2	74·7	78·2	78·2	77·9	77·2	76·5	76·2	79·2	81·4	81·9	81·9	79·4
16	81·4	82·0	82·0	82·0	81·4	81·3	80·5	81·0	81·2	80·6	80·0	79·2	78·4	78·2	78·9	80·2	80·2	81·0	81·2	81·9	82·6	82·0	81·2	81·2	80·8
17	80·9	81·4	83·3	83·1	83·0	82·1	82·2	82·2	81·7	81·4	81·2	81·4	81·5	81·4	82·2	83·0	83·2	84·2	84·4	84·2	84·0	83·4	83·8	83·6	82·6
18	83·7	83·6	83·6	83·2	82·2	82·0	82·2	82·1	82·2	82·2	82·2	80·0	77·7	76·7	76·0	77·5	77·7	77·4	77·7	78·7	78·2	80·2	80·6	82·0	80·4
19	81·2	82·2	82·2	82·5	82·1	81·3	81·2	81·0	80·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	77·3	77·2	77·1	77·0	75·2	76·8	78·7	78·4	78·2	79·6	80·9	81·4	81·7	81·2	81·2	79·8
21	81·0	81·4	82·3	82·4	82·6	82·5	82·1	81·8	81·2	80·7	80·2	79·2	78·2	77·9	78·4	79·7	80·1	80·2	81·0	82·0	82·9	82·2	83·0	83·4	81·1
22	83·5	83·7	83·1	82·5	82·4	82·1	82·4	82·1	81·6	81·5	81·4	80·8	80·1	79·7	77·2	78·5	79·9	81·4	82·7	83·8	84·0	82·4	83·2	83·7	81·8
23	83·0	83·6	83·4	83·2	82·6	82·2	82·0	81·7	81·2	81·2	81·2	80·2	79·2	78·2	78·2	79·2	79·7	80·2	80·2	82·2	82·6	83·2	83·7	83·3	81·5
24	84·0	83·4	82·9	82·7	82·2	80·5	78·7	79·2	80·2	80·6	81·0	81·3	81·6	81·0	80·2	81·0	81·6	82·6	81·9	83·2	82·2	83·7	83·4	83·5	81·8
25	83·9	84·2	84·0	83·4	83·4	82·7	82·6	82·5	80·0	79·6	79·2	78·3	77·4	78·2	80·0	80·4	80·7	80·9	80·1	79·2	82·7	83·5	82·7	82·2	81·3
26	82·8	83·0	82·7	82·7	82·2	81·6	81·5	81·2	81·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	79·5	79·0	78·5	78·0	77·7	78·7	79·2	80·5	79·5	80·4	81·2	79·7	79·4	79·7	80·0	80·4
28	81·2	82·7	81·7	80·3	80·2	80·0	79·9	79·9	78·6	78·9	79·2	79·3	79·4	79·2	79·4	79·7	80·0	80·7	80·2	80·2	83·4	83·2	82·4	82·2	80·5
29	83·0	83·0	81·4	81·2	81·2	81·1	80·3	79·8	79·2	79·4	79·6	79·4	79·2	78·2	78·4	79·0	79·5	81·0	81·1	81·9	83·0	82·2	81·9	83·2	80·7
30	83·4	82·7	81·7	81·8	81·2	81·2	81·4	81·8	80·2	80·4	80·7	80·0	79·2	78·7	79·0	79·2	80·2	81·9	82·2	83·0	83·6	82·9	82·2	81·7	81·3
31	83·2	82·8	82·8	82·7	82·7	81·2	81·4	80·8	79·7	78·4	77·2	77.5	77·8	78·7	79·2	80·2	80·7	81·7	82·2	83·5	84·0	84·2	81·8	81·5	81·1
Means.	82·3	82·3	82·2	82·0	81·9	81·7	81·5	81·3	80·9	80·5	80·3	79·8	79·3	78·9	79·5	80·2	80·5	80·8	81·3	81·6	82·2	82·3	82·2	82·1	81·2
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JUNE 1855.																									
1	82·7	83·2	82·2	81·2	80·8	79·1	78·3	78·2	79·2	79·4	79·7	79·9	80·0	78·0	76·4	78·0	79·2	81·1	81·7	81·4	81·4	81·6	81·3	80·5	80·2
2	80·7	82·5	81·4	81·4	81·2	81·3	81·1	80·4	80·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	77·3	77·2	77·1	77·0	75·7	76·4	77·4	79·2	79·8	80·2	79·8	80·0	79·2	81·2	82·0	79·6
4	82·3	82·7	82·4	83·0	82·4	79·4	77·9	78·2	78·7	78·4	78·2	77·7	77·2	76·2	77·2	78·6	79·2	79·7	80·2	79·7	80·6	80·0	79·2	79·9	79·5
5	80·8	81·9	80·4	81·4	81·4	80·8	80·4	80·1	78·2	78·7	79·2	79·4	79·6	80·1	80·7	81·0	81·2	81·1	81·4	80·7	81·5	81·0	80·7	81·2	80·5
6	82·4	82·2	81·9	81·3	81·1	80·3	79·7	79·3	79·2	79·0	78·9	78·6	78·2	77·8	78·9	80·1	81·0	81·2	81·4	82·4	82·2	82·0	82·2	82·2	80·6
7	82·0	82·4	82·2	81·9	81·2	81·2	81·2	80·7	80·4	79·8	79·2	79·7	80·2	80·2	80·6	80·2	81·2	81·2	81·7	82·4	81·9	82·2	82·2	82·0	81·2
8	82·7	82·6	81·4	81·3	81·1	81·0	81·0	80·4	74·2	74·7	75·2	76·2	77·2	77·2	78·2	78·4	79·2	80·0	80·2	80·1	78·7	79·8	80·9	81·2	79·3
9	82·0	81·7	81·1	80·8	79·5	79·7	79·3	79·2	78·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	80·4	80·0	79·6	79·2	79·6	80·2	81·0	81·2	81·8	82·2	82·9	83·0	83·2	83·0	82·7	80·9
11	83·0	83·2	82·6	83·0	82·2	81·0	80·0	79·2	80·2	79·8	79·4	79·3	79·2	79·2	80·0	81·4	82·2	81·4	83·2	83·7	83·2	83·0	82·1	75·2	81·2
12	78·4	79·7	79·2	79·3	80·1	81·4	81·2	81·4	80·7	79·9	79·2	78·7	78·2	77·2	78·9	80·0	80·2	80·2	81·2	81·0	81·2	81·4	82·0	82·2	80·1
13	82·5	82·7	82·2	82·2	82·4	82·4	82·4	82·2	82·2	81·6	81·0	80·6	80·2	79·2	77·2	76·8	77·2	78·2	79·2	80·2	81·1	81·2	82·9	83·0	80·9
14	82·6	82·2	81·5	81·4	81·3	81·2	81·1	81·0	80·2	79·7	79·2	78·2	77·2	76·2	77·2	78·7	79·2	80·0	80·8	80·5	82·0	81·7	82·0	80·8	80·2
15	80·4	79·2	78·9	79·3	81·1	81·5	81·4	81·5	79·2	78·2	77·2	76·7	76·2	76·8	77·7	78·4	80·2	80·0	79·5	79·6	80·2	80·4	81·0	80·4	79·4
16	81·0	81·4	80·3	80·0	79·9	80·2	80·2	80·2	80·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	77·2	77·2	77·2	77·2	78·2	78·7	79·2	79·6	80·2	78·0	78·7	78·2	78·6	79·2	79·2	79·2
18	79·8	79·2	79·0	78·3	79·2	79·2	80·2	79·4	78·2	77·7	77·2	76·7	76·2	75·2	75·2	75·9	76·4	77·2	78·2	79·1	78·7	79·4	80·8	80·2	78·2
19	80·0	80·9	80·0	79·2	79·1	79·2	79·2	79·2	79·9	79·5	79·2	78·2	77·2	77·9	77·0	76·2	75·1	74·9	76·1	77·4	78·7	76·9	78·7	79·9	78·3
20	80·2	79·5	80·3	80·1	79·9	80·1	80·0	80·2	80·4	79·3	78·2	76·7	75·2	73·6	74·7	75·7	77·0	77·1	77·4	78·9	78·4	77·7	77·7	78·7	78·2
21	80·4	81·2	81·2	81·0	81·2	81·2	81·2	79·7	79·2	78·7	78·2	78·2	78·2	77·2	76·4	76·2	76·8	78·2	78·7	79·7	81·0	81·2	81·2	82·0	79·5
22	82·8	81·0	81·3	80·4	79·9	80·2	79·1	79·7	80·0	79·5	79·0	78·6	78·2	78·2	79·2	79·2	80·2	80·6	81·2	81·7	80·5	80·7	81·2	80·9	80·1
23	80·0	79·5	79·0	78·6	78·6	78·9	79·2	79·2	79·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	80·8	80·2	79·6	79·0	79·2	80·0	80·2	80·2	80·2	80·4	80·5	81·2	82·0	82·4	83·0	80·1
25	81·8	81·9	80·7	81·9	82·2	82·4	82·1	81·2	80·2	80·2	80·2	79·2	78·2	78·4	78·2	77·8	78·2	78·2	76·7	78·2	79·2	79·4	78·7	79·4	79·8
26	79·0	79·0	78·4	78·2	82·4	81·9	81·6	81·2	80·0	79·6	79·2	78·7	78·2	78·2	76·7	76·2	76·2	77·2	77·7	77·2	78·2	79·0	77·7	78·4	78·8
27	79·8	79·0	78·0	78·2	79·0	78·5	78·2	78·6	78·2	78·2	78·2	77·2	76·2	77·0	76·2	76·2	77·2	77·2	78·2	78·4	78·3	79·2	79·7	79·4	78·1
28	79·0	79·0	79·1	78·2	78·5	79·4	79·9	80·2	79·7	79·4	79·2	78·2	77·2	77·2	76·2	76·6	77·2	78·2	79·2	78·4	78·0	78·7	78·4	78·4	78·5
29	78·2	78·0	78·2	77·6	77·9	77·2	78·6	79·0	77·2	77·2	77·2	76·2	75·2	76·2	76·4	76·9	77·2	77·2	77·7	76·5	76·2	76·4	75·7	76·2	77·1
Means.	81·0	81·0	80·5	80·4	80·5	80·3	80·2	80·0	79·4	79·0	78·7	78·3	77·8	77·6	77·8	78·3	78·9	79·4	79·7	80·0	80·1	80·2	80·5	80·4	79·6

* N. B. 0.2 Added to the Registered Number for reduction to the Old Madras Standard.

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

WET THERMOMETER (STANDARD No. 8).

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
	°	°	°	°	°	°	°	°	°	° *	°	° *	°	°	°	°	°	°	°	°	°	°	°	°	°
June 30	74·4	75·0	75·3	75·4	75·0	75·0	74·4	74·2	74·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JULY 1855. 1	—	—	—	—	—	—	—	—	—	79·9	79·7	79·5	79·2	76·7	76·2	77·2	77·7	78·2	78·2	78·8	79·2	79·4	79·2	80·0	77·2
2	78·9	80·2	81·3	80·7	81·2	81·2	81·2	80·2	75·4	75·2	75·0	75·1	75·2	75·2	75·4	76·7	77·2	77·7	79·2	79·2	80·2	80·7	80·2	78·7	78·4
3	79·2	79·0	80·2	80·2	80·2	79·9	79·5	80·2	80·6	80·1	79·7	79·2	78·7	76·2	75·7	76·4	77·2	77·7	78·2	78·2	78·8	80·2	80·6	81·5	79·1
4	82·7	81·2	80·4	80·2	80·2	80·0	81·0	80·4	79·5	79·8	80·2	79·9	79·5	78·4	75·7	76·4	77·2	79·0	79·2	80·2	80·2	80·2	81·9	81·7	79·8
5	81·4	81·2	80·9	80·8	80·6	80·4	80·2	79·2	79·6	78·9	78·2	78·2	78·2	77·4	78·4	79·4	79·2	80·2	80·2	80·2	81·0	81·2	81·6	81·2	79·9
6	81·0	81·4	81·9	81·5	81·6	81·4	81·2	79·2	77·5	77·1	76·7	76·8	76·9	77·2	77·4	77·7	78·2	79·2	80·2	81·0	81·2	82·0	81·9	82·7	79·7
7	82·2	81·9	80·8	80·6	80·6	81·1	80·4	80·2	81·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	82·5	82·2	81·9	81·5	79·7	79·9	81·0	80·0	80·8	81·2	81·2	81·9	83·0	82·1	81·2	81·2
9	79·2	81·5	82·1	81·9	81·2	81·2	81·4	81·2	79·4	79·6	79·8	79·8	79·8	76·2	74·4	75·2	75·7	76·2	77·2	77·9	78·2	78·2	78·2	77·9	78·9
10	78·0	78·5	79·8	78·5	78·7	78·7	79·5	80·2	78·6	78·0	77·4	76·7	76·0	74·4	75·0	75·4	75·7	77·2	77·2	78·2	78·2	79·0	78·6	78·5	77·7
11	77·7	78·6	79·2	81·1	80·4	80·4	80·4	78·7	79·2	78·3	77·4	76·6	75·7	74·9	74·2	77·2	76·2	77·2	77·2	77·9	78·2	80·5	79·9	79·2	78·2
12	77·7	79·2	80·3	80·4	80·3	79·2	79·4	80·0	81·0	80·4	79·9	77·8	75·7	76·0	76·1	76·7	76·9	77·2	77·2	78·0	78·7	78·8	79·4	79·9	78·6
13	78·7	80·2	81·4	80·5	80·2	79·0	78·5	78·2	79·8	80·0	80·2	80·3	80·3	80·2	79·4	78·4	78·2	78·2	79·0	78·2	78·2	79·0	80·2	80·2	79·4
14	78·7	79·2	80·2	80·0	80·4	81·2	79·4	78·2	77·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	78·2	77·9	77·6	77·2	76·7	76·2	76·2	77·4	78·2	78·2	78·2	77·2	77·8	77·4	77·7	78·2
16	78·5	78·3	79·7	78·3	78·6	77·2	78·0	78·2	77·7	78·1	78·5	77·8	77·0	76·1	76·0	76·7	77·2	78·0	78·2	78·2	79·0	79·2	79·0	78·9	78·0
17	79·1	78·8	79·2	78·3	77·2	76·4	76·7	76·2	77·2	77·3	77·4	76·8	76·2	74·7	74·7	76·2	76·8	76·2	76·2	77·2	78·2	79·2	78·9	79·2	77·3
18	78·9	80·1	80·2	79·1	76·3	78·4	79·4	78·9	77·2	76·3	75·5	75·3	75·0	74·7	75·9	78·1	77·4	81·2	79·2	79·6	80·3	79·8	79·8	79·2	78·2
19	79·0	80·2	79·6	78·2	77·2	77·2	78·2	79·7	79·0	77·2	75·4	75·6	75·7	76·2	76·2	77·2	77·2	78·2	78·2	78·4	79·7	79·5	79·7	79·9	78·0
20	80·2	82·7	81·3	79·9	80·3	80·2	79·7	78·2	76·8	76·4	76·0	75·7	75·3	75·2	75·4	76·0	77·0	77·8	78·2	78·6	79·2	79·7	81·6	79·7	78·4
21	80·2	80·4	79·6	78·9	79·2	76·4	77·2	76·2	76·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	78·0	77·9	77·8	77·7	76·5	77·0	78·0	78·4	78·2	78·8	79·6	79·2	78·7	79·9	80·7	78·4
23	81·7	82·0	82·6	81·9	81·2	79·2	78·2	77·4	76·4	76·4	76·4	77·3	78·2	75·4	76·0	77·0	77·2	78·2	78·2	79·2	79·2	78·7	77·2	77·7	78·4
24	81·1	82·2	81·4	80·9	81·2	80·4	80·6	80·0	79·2	79·3	79·4	77·6	75·7	74·2	74·7	77·2	77·2	77·2	77·0	77·4	78·2	78·4	77·7	77·4	78·6
25	79·2	79·5	82·1	81·4	81·2	81,2	81·0	79·9	80·8	81·0	81·2	79·7	78·2	75·2	75·5	76·2	77·0	77·2	77·8	78·2	78·2	79·2	79·4	78·7	79·1
26	80·4	80·2	80·2	80·2	81·2	77·5	77·9	77·6	78·2	78·2	78·2	78·3	78·4	77·9	78·4	76·7	77·4	77·4	77·9	78·7	79·2	80·0	80·2	80·2	78·8
27	81·2	80·2	80·3	80·0	80·0	80·2	80·2	80·2	80·2	78·7	77·2	77·1	77·0	75·2	76·2	76·0	77·4	77·2	78·2	78·7	78·7	80·2	82·0	81·7	78·9
28	80·2	80·4	81·0	81·2	81·2	81·0	81·1	81·4	81·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	78·0	77·7	77·4	77·1	76·2	76·0	76·4	77·9	78·4	79·2	79·2	79·7	79·6	81·0	80·9	79·3
30	80·8	81·7	81·4	81·9	81·4	81·2	80·4	80·8	78·4	77·8	77·2	77·7	78·1	77·4	76·4	77·7	78·2	78·2	79·2	79·2	79·9	79·2	79·6	78·9	79·3
31	81·2	81·0	80·1	80·2	80·4	80·2	79·1	79·2	75·8	78·0	77·2	77·5	77·7	76·2	76·4	76·8	78·6	77·4	78·7	79·0	79·0	80·2	81·0	81·7	79·0
Means.	79·7	80·2	80·5	80·1	79·9	79·5	79·4	79·0	78·6	78·5	78·1	77·8	77·5	76·3	76·3	77·0	77·5	78·1	78·4	78·8	79·2	79·7	79·9	79·8	78·7

N. B. 0°.2 Added to the Registered Number for reduction to the Old Madras Standard.

AUGUST 1855.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
1	81·0	80·7	81·4	79·3	80·4	80·2	80·2	80·2	81·0	80·1	79·2	79·3	79·4	79·6	80·0	80·2	79·5	79·4	79·2	79·0	78·7	79·2	80·0	80·8	79·9
2	80·2	82·2	80·9	81·0	79·9	79·2	79·2	79·2	79·4	79·5	79·7	79·5	79·2	77·4	77·2	78·2	77·4	78·0	78·2	78·2	79·2	78·4	77·7	78·0	79·0
3	81·0	81·2	81·0	79·6	77·0	77·2	78·2	78·2	79·4	79·9	80·5	78·9	77·2	77·2	76·2	77·0	75·7	77·2	77·6	76·4	77·5	78·6	78·2	77·2	78·3
4	79·7	79·4	78·2	78·8	78·1	77·2	77·2	77·2	77·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	75·8	75·7	75·6	75·4	74·2	75·5	76·0	78·2	77·4	78·8	77·9	79·0	80·0	79·2	79·0	77·5
6	79·4	79·2	79·0	79·0	79·0	79·0	79·2	77·9	78·2	77·9	77·7	77·2	76·7	74·8	75·2	75·4	75·2	76·4	77·7	80·2	82·0	81·8	79·7	78·7	78·2
7	77·2	80·4	81·1	80·1	78·9	78·1	76·3	76·8	77·2	76·7	76·2	76·3	76·4	75·2	75·5	76·7	77·0	77·0	78·5	79·0	79·0	77·7	78·2	79·7	77·7
8	81·0	81·4	80·2	78·5	78·5	80·2	77·4	77·2	77·2	77·4	77·7	77·2	76·6	76·2	77·7	77·2	76·7	78·0	77·7	78·2	80·2	79·7	80·1	81·4	78·5
9	80·7	80·2	80·2	80·2	79·2	79·2	78·2	78·2	78·2	78·3	78·4	77·3	76·2	77·0	78·2	78·4	79·7	78·5	78·8	81·1	81·2	80·9	81·0	81·5	79·2
10	81·7	81·0	80·5	80·7	80·9	80·7	81·2	81·0	80·2	79·4	78·6	78·3	77·9	77·0	77·7	78·9	79·0	79·2	80·0	81·7	81·2	82·7	82·5	82·2	80·2
11	82·7	83·1	81·4	81·1	80·5	80·0	80·4	80·3	80·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	80·7	80·2	79·7	79·2	78·4	79·2	80·1	79·4	78·0	80·2	80·7	80·0	80·0	80·9	80·4	80·3
13	80·5	79·9	80·4	80·5	80·4	80·1	80·2	78·2	77·2	76·4	75·7	75·6	75·5	76·2	77·2	78·4	78·2	79·2	79·2	79·0	79·7	81·2	81·7	81·5	78·8
14	82·0	80·8	77·0	78·0	77·4	77·2	77·6	77·2	76·7	76·9	77·2	77·0	76·7	75·4	75·2	76·2	75·7	77·7	78·2	79·4	79·4	79·9	80·0	80·2	77·9
15	81·2	80·2	79·4	79·0	79·2	79·8	78·9	78·7	78·2	78·2	78·2	78·1	77·9	78·2	79·0	79·2	78·9	79·1	81·0	80·4	79·9	82·4	81·2	80·4	79·4
16	79·2	79·4	79·4	78·9	79·2	79·2	79·0	79·2	79·2	78·7	78·2	78·3	78·4	76·2	77·0	78·0	78·9	79·6	79·6	79·8	79·1	81·3	80·7	81·2	79·1
17	81·9	81·2	81·1	81·4	79·1	79·0	79·1	78·2	78·4	78·1	77·8	77·8	77·7	77·0	77·5	79·0	79·9	79·7	80·2	81·6	81·7	81·5	81·0	81·4	79·6
18	81·3	81·7	81·2	81·4	78·4	78·2	78·4	78·2	78·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	80·2	79·2	78·2	77·2	76·2	75·2	75·2	75·8	76·2	75·7	76·5	76·9	80·6	79·2	80·2	78·3
20	79·5	78·7	78·5	77·8	78·1	78·2	78·2	78·2	78·2	79·1	80·0	79·8	79·6	78·9	78·2	76·2	75·5	76·2	76·0	76·4	77·2	77·2	77·1	76·7	77·9
21	78·2	77·0	76·3	73·8	76·2	76·2	77·2	77·2	79·0	79·2	79·4	78·2	77·0	76·2	75·7	76·2	76·3	75·8	76·6	76·6	76·6	77·1	76·6	76·7	77·0
22	77·7	78·2	78·8	79·3	80·0	79·2	78·2	78·2	77·2	76·6	76·0	76·4	76·7	76·0	76·2	76·8	77·2	76·3	76·1	76·6	77·2	76·2	77·4	77·4	77·3
23	80·2	81·0	81·5	81·2	80·7	79·2	78·7	78·2	76·2	76·9	77·7	78·0	78·2	76·4	75·8	77·2	77·7	77·2	78·3	78·8	79·2	80·3	79·7	80·5	78·7
24	79·4	79·4	80·0	80·5	80·2	78·2	77·2	77·2	77·2	77·0	76·8	76·6	76·4	76·4	76·2	76·7	77·2	77·7	77·6	78·1	78·3	79·2	80·7	80·2	78·1
25	81·7	81·0	80·2	79·2	79·7	78·2	78·2	78·2	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	76·6	76·9	77·2	77·5	75·7	74·7	75·5	75·7	75·2	76·2	76·6	76·0	76·7	77·2	76·8	77·4
27	77·2	76·8	76·8	75·8	76·2	76·2	76·2	76·7	76·7	76·9	77·2	77·2	77·2	75·7	75·7	76·0	76·2	77·0	77·1	77·4	78·8	77·2	76·8	77·2	76·8
28	78·2	78·2	77·7	77·9	76·7	76·2	76·2	76·2	76·0	75·8	75·7	75·5	75·2	74·0	75·2	75·2	74·7	75·2	75·8	76·1	76·6	77·0	78·2	75·5	76·2
29	76·9	76·0	80·2	79·0	79·0	79·6	79·8	79·9	79·0	78·6	78·2	77·7	77·2	76·0	76·2	76·2	75·2	76·2	77·4	77·3	77·1	77·6	78·4	79·7	77·8
30	81·0	80·7	80·2	80·2	80·3	80·2	80·2	80·0	80·0	79·3	78·7	78·2	77·7	75·2	75·0	75·2	75·3	74·4	75·0	75·6	76·1	77·0	77·7	81·7	78·1
31	81·4	81·0	78·0	78·0	78·0	78·3	78·2	77·9	78·0	77·8	77·7	77·0	76·2	74·7	74·3	75·4	78·4	75·8	75·2	74·4	76·4	78·7	79·7	81·0	77·6
Means.	80·1	80·0	79·7	79·3	78·9	78·7	78·5	78·3	78·2	78·1	77·9	77·6	77·3	76·3	76·5	77·1	77·2	77·3	77·8	78·3	78·7	79·3	79·3	79·5	78·3

N. B. 0°.2 Added to the Registered Number for reduction to the Old Madras Standard.

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

WET THERMOMETER (STANDARD No. 8).

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
SEPTEMBER 1855.	°	°	°	°	°	°	°	°	°	° *	°	° *	°	°	°	°	°	°	°	°	°	°	°	°	°
1	81·0	80·7	80·2	80·2	80·3	79·8	79·5	79·2	79·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	77·7	78·2	78·7	79·2	78·2	77·7	78·7	77·8	76·2	76·4	78·8	78·2	75·4	80·2	80·9	78·9
3	80·1	81·0	81·4	81·4	80·9	80·4	80·2	78·2	78·2	76·2	76·2	78·6	78·9	77·7	77·2	79·0	78·7	78·9	79·4	80·1	81·2	80·8	81·9	81·0	79·2
4	80·7	80·2	79·8	79·2	79·7	80·2	80·2	80·2	80·2	79·9	79·7	79·7	79·7	77·7	77·2	76·2	77·2	78·3	77·0	76·4	78·4	78·4	79·5	80·7	78·9
5	81·6	80·0	77·4	78·5	78·3	78·2	78·7	78·7	78·2	78·2	78·2	78·2	78·2	78·4	76·2	76·2	76·6	77·0	77·0	77·8	78·0	78·2	79·2	79·7	78·2
6	79·2	79·4	79·4	78·9	79·1	78·2	78·2	78·2	78·2	78·2	78·2	77·8	77·4	76·7	77·2	78·2	76·2	76·0	76·1	76·5	76·4	76·7	78·7	79·7	77·9
7	79·8	79·5	79·5	79·4	78·5	79·0	79·0	79·0	79·2	78·7	78·2	78·0	77·7	77·5	78·2	78·2	75·6	77·0	77·0	77·0	78·5	80·0	80·0	80·2	78·6
8	80·0	79·2	78·3	80·0	80·0	80·7	80·0	78·0	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	79·7	79·2	78·7	78·2	76·9	77·0	78·2	79·8	80·2	81·0	81·2	80·3	80·8	80·8	81·0	79·5
10	81·2	81·0	80·4	80·4	80·3	80·9	80·6	80·9	80·2	79·7	79·2	76·7	74·2	73·9	75·0	76·2	76·9	78·7	78·6	79·2	80·2	79·3	80·4	80·6	78·9
11	80·2	80·0	79·8	79·5	79·1	79·9	80·2	80·1	79·2	79·7	80·2	80·2	80·1	80·0	78·2	77·2	77·5	77·2	78·7	77·9	78·2	77·9	79·2	79·2	79·0
12	79·4	79·2	79·4	80·2	80·4	80·3	80·0	79·2	78·2	78·2	78·2	78·8	79·4	78·2	76·2	77·2	78·2	78·9	79·7	79·3	79·8	81·8	80·7	80·4	79·2
13	80·1	78·7	80·2	80·2	79·9	80·4	81·0	81·2	80·4	79·8	79·2	77·2	75·2	73·7	74·2	75·2	77·2	79·1	78·7	79·0	79·7	80·0	79·7	80·2	78·8
14	80·9	80·2	80·1	80·1	80·2	80·6	81·0	80·9	80·8	79·9	79·2	78·7	78·2	77·2	77·7	79·2	80·2	80·2	80·4	80·4	80·5	79·6	80·0	80·8	79·8
15	81·9	81·2	79·2	79·0	78·2	78·2	77·9	77·2	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	78·1	78·2	78·3	78·4	77·8	75·7	74·7	76·2	77·2	78·4	79·2	79·7	78·9	79·2	78·8	78·2
17	79·2	79·5	79·7	77·2	77·1	78·7	79·0	79·4	78·2	78·2	78·2	77·7	77·2	77·2	78·2	78·7	79·2	78·2	79·2	79·0	79·7	79·2	79·4	79·7	78·5
18	79·2	77·5	76·4	79·0	80·0	80·2	79·9	79·8	79·4	79·3	79·2	78·1	79·0	78·2	79·2	79·2	78·4	78·2	78·2	79·4	78·7	78·4	78·9	79·2	79·0
19	79·7	79·0	78·5	78·2	78·7	78·8	78·5	78·4	78·2	78·6	79·0	78·6	78·2	78·2	79·2	78·5	79·1	78·4	79·2	79·2	79·2	79·4	79·2	79·2	78·8
20	78·7	78·0	78·2	79·6	79·5	79·5	79·2	79·4	79·7	79·5	78·4	78·8	78·2	77·2	77·5	77·2	78·2	79·2	79·2	80·0	81·0	80·9	81·2	80·6	79·2
21	80·4	79·9	80·3	80·3	79·9	80·2	79·5	79·3	79·4	79·2	78·0	79·1	79·2	79·9	80·2	80·2	80·7	80·2	81·0	81·2	80·8	80·4	80·2	80·4	80·0
22	79·7	79·9	80·1	80·1	79·9	80·0	79·9	79·7	79·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	80·2	80·2	80·2	80·2	78·2	78·6	79·0	79·2	80·2	79·2	80·4	80·5	81·2	80·4	79·2	79·8
24	80·4	80·7	80·3	80·3	80·2	80·2	80·1	80·7	78·7	76·2	75·7	75·0	74·2	73·2	78·2	77·2	77·2	78·2	79·2	79·8	80·8	81·1	81·4	80·5	78·6
25	79·2	78·8	79·1	79·2	79·2	78·4	78·2	77·9	77·7	77·4	77·2	78·7	76·2	76·6	77·2	78·2	78·7	79·4	80·2	81·0	81·4	81·8	80·6	80·2	78·8
26	80·5	79·8	79·5	79·5	79·1	79·4	79·0	78·5	78·2	78·0	77·9	77·8	77·2	77·2	76·2	79·2	80·2	80·0	80·2	80·8	81·5	81·0	81·2	80·2	79·3
27	80·0	79·2	79·4	79·3	79·4	79·7	80·1	79·6	79·2	79·2	79·2	78·7	78·2	78·2	78·7	80·0	80·2	80·6	80·2	81·0	81·4	80·0	80·3	80·7	79·7
28	80·4	81·0	80·4	80·2	80·3	80·4	80·9	80·7	79·7	78·9	78·2	77·2	78·2	77·0	77·4	78·0	78·7	80·2	80·2	81·0	79·5	80·0	80·4	81·0	79·5
29	80·8	80·0	79·9	79·6	79·9	80·5	80·5	80·2	80·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	76·6	76·5	76·4	76·2	74·7	75·2	77·2	78·2	79·0	79·2	78·4	79·9	80·2	79·8	79·2	78·7
Means.	80·1	79·8	79·6	79·8	79·6	79·8	79·7	79·4	76·8	78·6	78·5	78·1	77·7	77·2	77·3	77·9	78·2	78·8	78·9	79·3	79·7	79·8	80·1	80·1	79·0
OCTOBER 1855.										*		*													
1	79·6	80·5	80·2	79·9	79·1	79·2	79·0	78·4	79·2	79·2	79·2	78·2	77·2	77·2	78·2	78·8	77·4	78·7	79·2	80·2	80·2	79·9	80·6	80·9	79·2
2	77·4	78·7	79·7	80·0	73·2	74·2	75·2	75·9	77·0	76·8	76·2	78·5	78·8	76·7	78·2	78·0	79·2	80·2	80·2	81·0	81·7	82·2	82·2	80·2	78·1
3	81·0	81·4	81·1	80·1	79·4	80·2	79·8	80·5	80·2	80·2	80·2	79·7	79·2	78·4	78·7	79·4	81·0	81·2	81·2	81·2	81·7	82·5	83·1	81·9	80·8
4	82·0	82·2	81·7	81·2	81·2	80·9	80·3	80·2	80·3	79·6	79·0	79·5	79·9	79·5	79·7	80·0	79·2	78·0	78·2	78·8	79·2	80·4	81·2	81·2	80·2
5	81·2	80·2	79·9	79·2	79·2	79·2	78·5	78·2	77·9	77·9	78·0	77·6	77·2	77·2	78·2	78·4	79·2	80·2	79·7	78·4	80·2	80·5	79·4	76·6	78·9
6	77·8	78·0	78·1	78·4	79·0	77·6	76·0	78·9	77·5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	73·0	73·2	73·4	73·6	73·5	73·2	73·2	73·2	73·5	74·9	75·0	75·2	76·2	75·9	75·7	75·8
8	75·9	76·2	78·1	75·5	75·2	75·0	75·2	75·1	75·2	75·2	75·2	75·1	75·0	75·2	75·2	76·7	78·2	79·2	80·0	80·9	81·2	81·2	81·0	80·2	77·0
9	80·0	79·2	79·5	79·2	79·2	79·4	79·1	79·0	76·2	77·7	77·2	77·5	77·7	77·9	78·6	79·7	80·2	80·7	79·2	77·2	76·4	79·4	80·9	81·4	78·9
10	80·9	80·0	79·7	79·1	78·9	79·0	78·9	78·4	78·4	76·3	78·3	76·5	78·6	78·4	76·5	77·2	78·2	78·7	79·2	80·0	79·2	79·3	80·0	80·2	78·4
11	79·4	79·1	78·4	78·2	78·0	76·2	78·1	78·0	77·2	77·1	77·0	76·4	75·7	75·0	74·9	75·2	76·2	77·2	79·0	79·2	79·4	77·9	79·6	79·2	77·7
12	78·2	77·9	77·4	77·1	77·8	77·6	77·9	77·7	77·0	77·1	77·2	77·2	77·2	76·7	77·4	78·0	79·0	79·9	80·4	80·2	80·2	80·0	79·4	79·8	78·3
13	80·0	79·7	78·6	78·4	78·1	78·2	78·1	76·7	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	78·5	78·4	78·3	78·2	78·0	76·6	77·2	78·2	79·2	79·8	81·0	81·2	81·2	81·4	80·8	78·5
15	80·0	80·0	79·3	78·7	78·6	78·6	78·5	78·4	78·6	78·8	79·0	78·8	78·2	77·2	79·0	80·2	80·7	81·0	81·7	82·2	82·2	81·7	81·8	81·0	79·7
16	78·7	79·2	79·2	79·2	79·2	79·0	79·0	79·0	79·2	78·8	76·4	78·4	78·4	78·2	79·0	80·4	81·0	80·7	81·1	81·8	81·7	81·2	81·2	81·2	79·8
17	80·6	80·2	80·2	79·7	79·2	79·0	78·8	78·2	78·7	78·8	79·0	79·1	79·2	78·9	78·5	78·2	79·2	79·4	80·0	80·2	81·0	80·4	79·7	78·2	79·4
18	79·0	79·4	78·3	78·2	78·2	78·8	78·4	78·2	78·2	78·3	74·4	74·2	74·0	74·4	74·7	76·0	76·2	75·8	78·4	77·3	77·8	78·2	78·0	79·8	77·1
19	77·9	78·2	78·0	76·8	76·0	76·4	76·5	75·5	75·8	75·5	75·2	75·2	75·2	75·7	76·0	78·5	78·3	79·2	80·1	79·0	79·4	80·2	79·2	79·0	77·3
20	78·4	78·2	78·3	78·2	78·1	77·7	77·6	77·2	77·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	79·7	78·2	78·7	75·2	75·2	76·0	76·2	77·7	78·2	79·2	80·1	80·9	80·9	80·2	80·2	78·1
22	80·1	79·6	79·3	79·2	79·1	78·8	78·9	79·2	75·4	75·8	76·2	78·0	75·7	75·2	78·0	78·2	78·9	78·2	79·0	79·2	80·2	81·0	80·2	74·2	77·0
23	73·7	75·0	75·0	75·1	75·2	74·8	74·7	75·9	75·1	75·4	75·8	75·8	75·4	75·2	75·9	76·7	78·2	79·2	80·2	80·2	79·9	77·9	78·9	78·4	76·5
24	78·2	78·9	77·4	78·3	78·0	78·4	76·7	75·6	75·7	75·7	75·8	76·1	76·4	78·7	77·4	78·2	79·3	79·5	80·4	80·5	80·8	80·8	80·4	79·7	78·0
25	79·7	79·2	79·1	79·0	78·7	78·2	78·2	78·5	79·2	79·2	79·2	79·2	79·2	78·7	78·9	79·0	79·2	80·0	80·2	80·7	80·4	82·2	81·2	81·2	79·5
26	80·8	80·2	79·9	80·0	79·4	79·4	79·4	78·2	77·2	78·5	75·9	75·9	75·9	76·0	78·3	77·4	78·7	79·2	79·0	80·0	80·9	81·2	81·4	81·2	78·8
27	81·2	80·2	80·2	80·2	79·8	77·4	74·0	74·9	74·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	74·9	74·9	74·9	74·8	74·9	75·0	76·2	77·2	78·2	79·4	79·2	79·2	75·3	74·6	73·8	76·9
29	73·9	74·0	75·5	74·4	73·9	72·7	72·4	72·2	71·8	71·7	71·6	71·9	72·2	72·2	73·4	75·2	78·2	75·2	75·2	75·2	74·2	74·8	73·9	74·4	73·7
30	74·9	74·2	74·5	75·2	75·2	74·4	74·2	74·1	73·2	73·2	73·2	72·8	72·4	72·2	73·4	78·1	77·0	78·2	78·2	77·2	75·7	76·2	77·2	75·2	75·0
31	75·0	75·5	75·3	75·6	75·7	75·5	75·4	74·9	74·8	74·5	74·4	74·2	73·9	73·7	74·0	74·5	73·4	72·4	74·2	70·4	72·2	71·7	72·2	71·8	74·0
Means.	78·8	78·7	78·5	76·3	77·9	77·8	77·4	77·2	77·0	76·7	76·5	76·4	76·2	76·1	76·6	77·4	78·1	76·6	79·1	79·2	79·3	79·4	79·4	76·8	77·9

N. B. 0°·3 Added to the Registered Number for reduction to the Old Madras Standard.

N. B. 0°·3 Added to the Registered Number for reduction to the Old Madras Standard.

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

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WET THERMOMETER (STANDARD No. 8).

Month	Gottingen Mean Time	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
		o	o	o	o	o	o	o	o	o	o *	o	o *	o	o	o	o	o	o	o	o	o	o	o	o	o
NOVEMBER 1855.	1	71·2	71·2	70·5	70·0	69·7	71·0	69·2	69·2	69·2	68·3	67·4	66·6	65·7	66·2	66·7	65·7	66·2	67·0	67·2	67·7	67·2	68·5	68·7	69·0	68·3
	2	71·2	71·9	70·8	70·6	70·7	70·2	70·2	69·2	69·2	68·7	68·2	68·0	67·6	67·4	67·2	65·4	66·4	66·6	67·4	68·2	69·4	69·2	69·5	70·7	66·9
	3	71·7	72·0	70·8	70·4	71·2	71·0	70·2	70·2	70·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	4	—	—	—	—	—	—	—	—	—	72·3	73·0	73·3	73·9	73·6	74·4	75·2	76·0	77·6	78·9	80·2	80·4	79·1	76·4	79·2	74·3
	5	79·2	78·9	78·5	78·5	78·2	77·6	77·2	77·1	76·2	75·7	75·2	75·3	75·4	75·2	76·0	77·2	78·9	79·4	79·7	80·2	79·6	80·0	76·9	79·5	77·6
	6	78·7	77·8	77·2	77·0	76·4	76·3	75·8	75·4	74·9	74·4	74·0	73·4	72·7	72·9	74·0	75·4	77·2	78·0	78·6	77·7	78·1	79·0	78·2	77·7	76·3
	7	77·2	76·9	76·7	76·4	75·8	76·1	76·2	75·8	74·2	74·2	74·2	74·3	74·4	74·4	75·4	77·2	78·2	78·4	78·2	78·4	79·0	78·7	78·9	79·7	76·6
	8	79·2	78·5	78·2	77·2	77·2	77·1	77·4	78·3	77·3	76·8	76·2	76·2	76·2	76·5	77·7	77·0	78·0	78·5	79·2	79·7	79·7	79·2	79·2	79·4	77·9
	9	79·2	79·2	78·5	78·2	77·9	77·8	77·2	76·2	75·2	75·2	75·2	75·5	75·7	76·2	76·2	76·8	76·2	77·2	77·6	77·2	77·4	75·7	74·7	73·2	76·6
	10	75·0	74·4	74·2	74·4	74·0	73·7	73·6	73·2	73·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11	—	—	—	—	—	—	—	—	—	70·1	69·9	69·7	69·4	69·7	69·2	71·4	72·4	73·0	71·6	73·7	74·0	74·8	75·1	73·1	72·6
	12	72·4	73·2	73·1	73·2	72·2	72·2	72·1	71·9	71·9	71·5	71·2	70·8	70·4	71·0	70·4	71·2	73·7	74·5	74·6	74·6	75·0	73·9	74·4	73·7	72·6
	13	75·0	73·2	73·0	72·0	72·2	72·2	72·1	71·7	71·7	71·3	71·0	71·1	71·2	71·2	71·0	73·8	73·6	73·5	74·2	75·0	74·9	74·2	73·7	75·0	72·8
	14	73·9	72·2	71·5	71·6	71·5	71·7	71·5	71·7	71·2	71·1	71·0	70·2	69·4	69·0	69·4	71·4	73·0	71·8	72·2	71·4	71·8	72·9	72·2	72·0	71·5
	15	72·0	71·2	70·9	71·0	70·4	70·3	70·1	70·1	69·7	69·4	69·2	68·8	68·4	65·3	69·2	71·0	71·3	71·0	69·7	71·2	71·3	71·4	71·2	71·5	76·4
	16	71·7	71·0	69·4	69·5	70·1	70·3	68·7	67·7	67·2	67·1	67·0	67·1	67·2	66·7	67·2	69·4	70·9	71·2	71·0	71·2	71·2	71·0	71·6	71·4	69·5
	17	70·9	70·4	70·4	70·0	69·9	69·8	69·7	70·2	70·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	18	—	—	—	—	—	—	—	—	—	70·4	70·0	69·6	69·2	69·3	69·9	71·5	72·6	73·7	74·0	75·7	73·2	73·2	73·2	72·8	71·2
	19	74·0	72·0	71·8	71·4	71·2	71·2	71·2	71·5	71·2	70·6	70·1	69·1	68·0	68·2	69·0	70·6	70·7	69·6	70·4	70·4	71·2	69·9	69·7	69·2	70·5
	20	68·7	68·2	68·2	68·2	67·4	67·3	66·5	67·5	66·2	66·2	66·2	66·3	66·4	66·2	67·0	68·2	70·3	70·0	70·1	70·4	72·0	72·0	72·6	72·2	68·5
	21	72·7	71·2	70·4	69·4	70·3	70·6	70·9	69·9	69·2	69·2	69·2	68·8	68·4	69·0	69·2	71·0	72·2	72·0	72·4	72·2	72·9	72·4	72·2	72·5	70·6
	22	72·0	71·0	70·2	69·9	70·1	70·2	71·4	71·2	70·7	70·4	70·2	70·0	69·8	70·2	70·2	71·2	71·7	71·4	72·8	73·2	73·0	73·7	73·7	73·2	71·3
	23	73·2	72·2	71·0	70·2	70·3	70·8	72·2	71·2	70·2	69·8	69·4	69·0	68·6	68·4	69·2	71·2	72·4	73·2	74·4	74·3	74·6	74·2	74·0	73·2	71·6
	24	72·9	73·0	71·4	71·2	70·7	70·6	70·4	70·2	70·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	25	—	—	—	—	—	—	—	—	—	67·7	67·2	66·7	66·2	64·2	65·4	68·2	70·2	69·0	69·1	69·7	70·0	70·2	72·1	72·4	69·5
	26	71·7	71·4	71·7	71·5	71·2	71·4	71·2	70·6	69·6	69·9	70·1	69·7	69·2	67·2	67·2	68·7	69·0	69·9	69·8	69·2	71·7	71·7	72·0	72·1	70·3
	27	72·2	71·0	73·2	73·4	72·4	73·2	73·2	73·2	72·6	72·6	72·7	72·0	71·2	71·2	71·4	72·2	73·7	74·9	75·3	77·2	77·2	76·6	76·5	77·2	73·6
	28	75·2	75·1	74·6	74·0	73·4	73·5	73·1	73·2	73·2	72·8	72·4	71·7	71·0	70·2	70·1	70·9	72·0	72·5	72·3	72·7	74·2	74·0	72·6	72·4	72·6
	29	73·0	71·2	71·4	71·4	71·6	72·1	72·2	72·2	73·2	73·1	73·0	72·6	72·2	70·4	70·4	71·0	71·0	72·4	73·1	73·4	74·0	72·7	73·0	73·1	72·3
	30	72·9	72·7	74·0	74·1	74·2	74·2	73·8	73·2	74·2	74·2	74·2	74·8	75·4	75·7	73·2	73·5	77·1	77·6	78·2	78·2	78·4	78·6	78·7	77·9	73·4
	Means.	73·7	73·2	72·8	72·5	72·3	72·4	72·2	72·0	71·0	71·3	71·1	70·6	70·5	70·3	70·6	71·8	73·0	73·2	73·6	74·0	74·3	74·1	74·0	74·1	72·5
											*		*													
DECEMBER 1855.	1	77·2	77·0	77·0	77·0	76·3	76·4	76·3	76·2	75·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	2	—	—	—	—	—	—	—	—	—	75·6	75·7	75·6	75·6	76·1	74·0	75·2	75·7	76·4	76·0	75·8	74·8	74·2	73·1	74·5	75·6
	3	74·3	73·7	73·6	73·6	73·7	73·7	73·9	72·4	72·6	72·9	73·2	73·1	73·0	73·6	74·2	75·2	76·2	77·2	78·2	78·8	76·2	77·0	75·6	76·2	74·7
	4	76·6	75·4	75·4	74·5	75·2	75·4	75·6	73·2	74·6	74·8	75·1	75·1	75·0	75·0	74·9	74·7	76·0	76·6	77·2	77·9	77·7	77·2	78·2	76·7	75·6
	5	76·2	76·7	75·8	75·9	76·1	75·4	74·7	74·2	74·8	74·0	73·2	73·6	74·0	73·9	74·2	74·2	75·7	76·8	76·2	78·0	77·2	78·2	78·2	77·2	75·6
	6	77·0	76·9	76·2	75·6	73·2	75·4	75·4	75·3	73·2	74·8	74·4	74·3	74·2	74·2	75·0	74·9	76·0	77·0	77·6	76·6	76·4	77·2	76·4	76·2	75·7
	7	75·8	74·7	74·1	74·1	73·6	73·3	72·4	72·7	72·2	72·3	72·4	72·3	72·2	72·1	72·7	73·2	75·2	76·2	76·2	77·1	78·0	76·7	78·2	75·2	74·3
	8	75·7	74·3	73·9	73·7	73·2	74·0	73·7	73·9	74·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	9	—	—	—	—	—	—	—	—	—	75·2	74·2	73·2	72·2	72·9	73·7	74·2	75·4	76·2	76·2	76·2	76·2	76·2	75·6	75·2	74·0
	10	73·7	72·9	72·7	72·2	72·1	72·1	72·2	71·4	75·7	74·0	72·4	71·7	71·0	70·4	70·2	73·2	73·5	73·2	72·2	73·2	73·0	74·2	74·5	73·0	72·7
	11	73·2	73·2	71·0	70·9	70·7	71·0	70·6	71·2	71·4	70·8	70·2	69·7	69·2	68·2	69·0	69·9	71·4	72·5	72·0	71·7	71·2	71·2	70·2	69·9	70·8
	12	70·1	68·7	69·2	69·2	69·2	68·3	67·3	67·3	66·4	66·3	66·2	66·2	66·2	65·2	65·8	68·2	69·9	70·2	70·2	71·9	70·2	71·4	70·6	69·4	68·5
	13	70·0	69·2	69·5	69·2	68·9	68·6	68·5	68·3	68·2	68·3	68·4	68·1	67·7	66·4	67·2	69·2	71·2	72·2	72·2	71·1	72·4	71·7	74·4	75·2	69·8
	14	73·0	72·2	71·3	71·2	71·0	70·2	68·7	68·5	68·2	68·2	68·2	67·7	67·2	66·9	67·2	71·2	73·2	73·7	73·3	73·6	73·0	74·4	73·7	73·2	70·6
	15	71·3	71·0	70·7	70·4	69·2	68·6	67·6	67·0	66·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	16	—	—	—	—	—	—	—	—	—	69·0	68·7	68·4	68·0	67·2	67·2	71·0	70·4	71·2	71·4	73·0	72·7	72·2	72·4	71·2	69·9
	17	71·0	69·7	69·9	69·9	69·6	69·2	69·2	69·7	70·4	70·0	69·7	69·5	69·2	68·2	67·2	69·2	70·0	72·2	72·4	72·7	71·2	70·7	70·4	70·2	70·1
	18	69·6	69·2	69·2	68·4	67·9	67·2	66·9	67·4	67·2	66·7	66·2	66·5	66·7	66·2	66·6	70·0	70·2	71·0	70·2	71·0	70·7	71·0	70·7	70·5	68·6
	19	68·7	68·6	68·6	68·6	68·6	68·2	67·7	67·9	68·7	67·9	67·2	65·8	64·4	64·2	65·3	69·1	70·2	68·5	69·6	70·7	71·2	72·2	71·2	70·0	68·5
	20	69·2	69·4	68·2	68·3	67·7	67·9	67·3	66·2	66·1	65·6	65·2	65·2	65·2	64·2	64·2	67·4	68·2	71·2	70·4	70·9	70·4	70·6	71·5	69·4	67·9
	21	69·2	69·5	68·4	69·0	68·2	68·2	66·9	66·1	66·0	65·3	64·7	64·7	64·7	64·7	66·4	68·4	67·9	67·4	70·2	70·9	70·2	69·4	69·2	69·9	67·7
	22	70·7	69·9	68·7	68·6	69·3	69·3	69·2	68·9	68·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	23	—	—	—	—	—	—	—	—	—	72·5	72·2	71·9	71·5	71·9	72·4	73·2	74·2	75·2	75·2	74·5	74·8	75·2	74·2	73·7	71·9
	24	72·4	72·2	71·4	71·2	70·3	70·6	70·8	71·2	70·7	70·4	70·2	70·2	70·2	69·0	69·4	69·7	71·0	73·9	73·2	72·0	71·7	72·9	71·2	71·6	71·2
	25	71·9	72·3	72·6	67·9	67·2	67·2	67·2	67·2	66·7	66·3	65·9	65·1	64·2	63·4	64·2	67·7	70·2	72·2	71·5	71·2	72·2	72·0	72·2	71·0	68·7
	26	71·2	70·9	68·5	69·2	69·2	69·2	68·9	68·2	68·4	68·3	68·2	67·0	65·7	65·2	64·4	66·2	67·5	69·3	69·7	71·0	71·8	70·9	70·8	70·7	68·8
	27	71·2	70·2	70·9	71·2	68·9	68·1	67·6	67·4	66·9	66·0	65·2	65·6	65·9	66·0	66·6	68·0	69·2	70·1	70·6	71·7	72·7	72·9	72·7	71·7	69·1
	28	70·4	70·0	69·9	69·7	69·4	69·3	69·3	69·5	69·2	68·7	68·2	68·0	67·7	67·7	67·4	69·4	70·6	72·0	72·5	72·8	72·7	72·6	73·2	72·0	70·1
	29	70·9	70·6	70·5	70·2	69·8	70·0	69·7	69·7	69·4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	30	—	—	—	—	—	—	—	—	—	74·3	73·9	74·3	74·7	75·2	75·2	76·2	77·0	77·7	78·1	78·7	77·8	77·2	77·2	76·5	74·0
	31	76·2	75·4	75·0	75·0	74·9	74·5	74·2	74·3	74·2	74·2	74·2	74·4	74·6	74·2	74·7	75·2	76·3	76·2	75·7	76·0	76·2	76·2	75·7	75·2	75·1
	Means.	72·6	72·1	71·6	71·3	71·0	70·6	70·5	70·2	70·3	70·5	70·1	69·9	69·6	69·3	69·6	71·3	72·4	73·3	73·4	73·8	73·6	73·7	73·6	73·0	71·0

N. B. 0°·2 Added to the Registered Number for reduction to the Old Madras Standard. (November 1855)

N. B. 0°·2 Added to the Registered Number for reduction to the Old Madras Standard. (December 1855)

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

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HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. JANUARY 1855.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·69	0·70	0·74	0·73	0·74	0·76	0·76	0·76	0·78	0·80	0·82	0·84	0·85	0·91	0·93	0·85	0·80	0·70	0·77	0·76	0·74	0·74	0·73	0·81	0,780
2	·75	·76	·80	·85	·83	·83	·89	·90	·89	·84	·79	·81	·87	·76	·84	·89	·94	·93	·89	·89	·86	·84	·83	·90	·848
3	·92	·93	·96	·97	·95	·93	·93	·93	·96	·97	·97	·96	·94	·95	·95	·94	·93	·89	·83	·80	·81	·80	·79	·78	·908
4	·82	·87	·90	·94	·90	·91	·91	·93	·93	·95	·96	·96	·96	·98	·95	·95	·85	·83	·81	·79	·80	·81	·80	·79	·888
5	·83	·87	·87	·91	·91	·91	·93	·94	·94	·95	·95	·95	·94	·95	·95	·91	·87	·81	·90	·91	·88	·87	·86	·81	·901
6	·86	·89	·87	·90	·94	·93	·91	·96	·97	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·93	·89	·91	·92	·94	·95	·90	·85	·80	·78	·77	·78	·79	·77	·75	·873
8	·81	·87	·88	·90	·89	·91	·91	·93	·93	·95	·96	·96	·96	·98	·96	·96	·89	·87	·77	·77	·74	·74	·74	·75	·876
9	·78	·82	·86	·86	·87	·91	·90	·91	·94	·94	·94	·96	·97	·97	·95	·90	·86	·81	·79	·76	·76	·71	·73	·75	·860
10	·78	·81	·89	·89	·91	·91	·93	·93	·91	·93	·94	·95	·95	·95	·96	·94	·87	·82	·80	·74	·75	·74	·74	·74	·865
11	·79	·81	·81	·84	·85	·85	·86	·89	·93	·91	·94	·95	·95	·95	·95	·91	·89	·81	·72	·68	·63	·61	·62	·68	·828
12	·76	·80	·86	·87	·86	·83	·84	·87	·88	·90	·92	·92	·91	·93	·95	·94	·85	·79	·74	·68	·62	·60	·61	·58	·813
13	·62	·72	·80	·81	·85	·89	·89	·93	·95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·95	·95	·95	·91	·94	·91	·89	·84	·80	·75	·69	·67	·68	·64	·60	·819
15	·63	·69	·79	·82	·82	·85	·88	·91	·90	·90	·89	·91	·93	·89	·90	·89	·79	·61	·56	·49	·52	·56	·58	·56	·761
16	·56	·65	·73	·76	·84	·87	·88	·86	·86	·87	·88	·90	·92	·92	·93	·87	·82	·75	·68	·70	·67	·70	·68	·68	·791
17	·76	·76	·79	·83	·83	·82	·85	·83	·86	·87	·87	·88	·89	·92	·92	·91	·95	·91	·87	·80	·75	·76	·78	·78	·841
18	·81	·82	·87	·91	·89	·86	·87	·86	·87	·86	·85	·86	·87	·84	·83	·80	·87	·83	·78	·81	·82	·80	·81	·81	·842
19	·82	·83	·84	·83	·83	·79	·81	·85	·83	·84	·84	·65	·86	·88	·84	·79	·80	·79	·79	·79	·79	·75	·78	·76	·816
20	·82	·81	·79	·79	·79	·61	·79	·80	79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·82	·85	·85	·84	·81	·80	·77	·75	·70	·70	·69	·69	·69	·70	·66	·771
22	·69	·72	·75	·74	·75	·72	·72	·72	·76	·83	·89	·90	·90	·92	·94	·89	·81	·69	·69	·68	·66	·67	·68	·71	·768
23	·69	·71	·71	·69	·71	·71	·72	·72	·86	·88	·89	·90	·91	·92	·94	·88	·78	·73	·68	·63	·64	·63	·64	·66	·760
24	·87	·71	·73	·72	·73	·73	·70	·73	·88	·88	·88	·90	·92	·93	·94	·92	·79	·76	·56	·61	·60	·65	·65	·65	·760
25	·66	·68	·73	·80	·90	·91	·93	·93	·93	·92	·91	·92	·92	·93	·94	·91	·83	·78	·74	·69	·67	·66	·62	·64	·815
26	·84	·68	·76	·85	·88	·90	·92	·94	·94	·94	·94	·34	·94	·92	·94	·89	·84	·79	·70	·66	·66	·64	·65	·66	·818
27	·68	·72	·76	·82	·85	·90	·86	·87	93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·91	·88	·92	·95	·94	·92	·91	·82	·69	·65	·61	·60	·59	·61	·61	·792
29	·64	·66	·68	·69	·69	·71	·68	·66	·64	·66	·67	·68	·69	·68	·68	·65	·65	·60	·60	·60	·61	·62	·62	·65	·655
30	·67	·68	·67	·69	·71	·72	·72	·74	·73	·82	·90	·90	·89	·78	·76	·70	·68	·68	·67	·66	·65	·66	·66	·65	·725
31	·65	·69	·71	·72	·74	·82	·85	·88	·90	·91	·91	·91	91	·94	·92	·88	·82	·79	·75	·71	·66	·68	·66	·65	·794
Means.	·732	·765	·798	·819	·832	·840	·646	·859	·877	·887	·892	·901	·906	·905	·906	·876	·831	·776	·740	·717	·705	·703	·703	·706	·814

TENSION OF THE ATMOSPHERIC VAPOUR. JANUARY 1855.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·628	0·610	0·631	0·624	0·630	0·637	0·631	0·624	0·610	0·607	0·606	0·617	0·629	0·665	0·692	0·651	0·636	0·629	1·734	0·725	0·721	0·718	0·696	0·790	0·656
2	·717	·682	·710	·743	·725	·713	·754	·715	·731	·714	·698	·694	·690	·646	·704	·749	·768	·801	·811	·861	·829	·809	·816	·801	·746
3	·818	·815	·815	·816	·800	·790	·777	·778	·798	·793	·788	·779	·770	·748	·748	·759	·777	·790	·800	·777	·792	·809	·795	·772	·788
4	·799	·808	·818	·838	·807	·806	·607	·810	·801	·798	·796	·798	·800	·809	·796	·823	·792	·799	·820	·829	·813	819	·810	·796	·808
5	·821	·825	·804	·783	·786	·783	·789	·793	·793	·784	·776	·769	·763	·761	·758	·768	·800	·791	·776	·775	·795	·847	·866	·805	·792
6	·805	·808	·768	·779	·791	·802	·799	·801	·796	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·774	·753	·764	·775	·790	·798	·802	·813	·802	·824	·849	·868	·873	·826	·800	·803
8	·823	·847	·832	·839	·816	·820	·814	·819	·801	·808	·815	·807	·800	·818	·820	·833	·849	·853	·821	·826	·813	·813	·797	·816	·821
9	·796	·801	·814	·805	·809	·809	·787	·784	·773	·772	·772	·780	·788	·776	·766	·780	·816	·803	·828	·819	·804	·770	·767	·785	·792
10	·778	·785	,800	·784	·780	·785	·786	·767	·734	·736	·739	·746	·753	·758	·767	·789	·805	·827	·831	·811	·816	·799	·796	·783	·782
11	·814	·782	·763	·768	·763	·771	·768	·758	·786	·764	·743	·744	·746	·758	·733	·750	·798	·784	·750	·746	·718	·673	·675	·718	·753
12	·780	·777	·794	·787	·783	·752	·751	·749	·751	·753	·755	·745	·736	·741	·746	·789	·770	·775	·764	·734	·691	·683	·687	·653	·748
13	·653	·717	·752	757	·765	·767	·761	·765	·771	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·740	710	·710	·711	·606	·671	·692	·714	·742	·737	·696	·684	·676	·639	·596	·714
15	·607	·627	·677	·685	·676	·668	·652	·646	·638	·624	·611	·603	·595	·583	·603	·656	·656	·556	·540	·496	·520	·551	·509	·556	·608
16	·547	·595	·620	·608	·645	·656	·663	·669	·653	·651	·650	·648	·646	·644	·654	·680	·704	·714	·691	·717	713	·730	·704	·691	·662
17	·735	·719	·722	·744	·738	·725	·737	·718	·742	·732	·723	·732	·741	·750	·764	·759	·783	·782	·798	·803	·788	·799	·813	·797	·756
18	·803	·803	·795	·798	·803	·795	·778	·770	·778	·771	·763	·772	·780	·755	·767	·775	·799	·814	·811	·819	·837	·804	·800	·801	·791
19	·802	·801	·804	·797	·797	·756	·767	·784	·773	·778	·784	·789	·795	·814	·776	·776	·782	·613	·824	·828	·801	·780	·783	·772	·791
20	·811	·780	·751	·744	·745	·754	·728	·735	·727	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·727	·727	·720	·713	·689	·693	·708	·717	·708	·713	·716	·717	·705	·691	·659	·724
22	·684	·667	·674	·657	·648	·626	·612	·613	·640	·631	·622	·631	·641	·647	·650	·677	·683	·657	·657	·673	·666	·683	·673	681	·654
23	·650	·664	·637	·606	·613	·610	·611	·608	·635	·628	·622	·627	·633	·618	·629	·658	·655	·660	·644	·639	·649	·625	·634	·640	·634
24	·637	·642	·638	·627	·621	·613	·585	·605	·614	·623	·613	·604	·596	·606	·605	·645	·653	·685	·547	·589	·600	·638	·633	·622	·619
25	·624	·617	·633	·659	·651	·664	·669	·658	·647	·638	·629	·618	·608	·596	·591	·641	·655	·667	·689	·646	·641	·624	·603	·610	·638
26	·587	·608	·632	·644	·637	·614	·629	·629	·633	·622	·612	·602	·592	·569	·587	·611	·666	·677	·652	·647	·634	·620	·639	·643	·624
27	·644	·666	·655	·661	·668	·662	·634	·635	·665	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·646	·628	·636	·644	·629	·608	·648	·679	·648	·638	·621	·619	·615	·625	·609	·641
29	·626	·617	·608	·602	·602	·611	·590	·572	·559	·567	·578	·581	·587	·580	·581	·578	·604	·595	·614	·627	·647	·645	·670	·670	·605
30	·657	·637	·620	·624	·631	·643	·641	·659	·645	·688	·732	·726	·720	·671	·652	·629	·643	·667	·665	·674	·672	·677	·674	·653	·663
31	·633	·646	·636	·634	·640	·666	·673	·670	·658	·651	·644	·640	·636	·651	·639	·681	·715	·717	·716	·696	·678	·682	·639	·627	·661
Means.	·714	·717	·719	·719	·719	·716	·711	·710	·710	·704	·700	·699	·700	·695	·696	·715	·732	·732	·729	·727	·723	·721	·716	·709	·714

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

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HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. FEBRUARY 1855.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·67	0·71	0·68	0·74	0·77	0·82	0·77	0·82	0·90	0·92	0·94	0·95	0·95	0·94	0·91	0·88	0·78	0·72	0·68	0·68	0·66	0·66	0·68	0·68	0·788
2	·72	·73	·79	·82	·86	·87	·90	·92	·91	·89	·86	·86	·86	·93	·93	·93	·87	·80	·69	·70	·66	·64	·65	·66	·810
3	·69	·73	·79	·85	·86	·87	·90	·89	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·94	·99	·90	·99	·96	·97	·91	·88	·73	·71	·70	·67	·68	·68	·69	·832
5	·68	·74	·78	·83	·83	·77	·80	·85	·86	·85	·83	·82	·81	·83	·81	·77	·74	·73	·71	·72	·68	·63	·70	·70	·768
6	·73	·77	·77	·79	·80	·81	·81	·82	·83	·83	·84	·84	·83	·84	·81	·82	·80	·79	·75	·72	·71	·68	·68	·73	·762
7	·74	·75	·77	·77	·76	·78	·77	·76	·79	·79	·78	·82	·86	·87	·90	·83	·70	·72	·72	·66	·67	·67	·66	·66	·758
8	·67	·69	·68	·71	·72	·78	·79	·80	·85	·88	·91	·93	·95	·93	·93	·85	·85	·67	·57	·61	·55	·55	·53	·54	·748
9	·56	·62	·67	·65	·63	·63	·64	·64	·66	·71	·75	·81	·86	·83	·84	·74	·65	·60	·59	·57	·62	·61	·61	·57	·669
10	·60	·63	·67	·68	·69	·65	·67	·67	·66	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·83	·95	·95	·95	·89	·90	·82	·74	·66	·65	·66	·64	·70	·67	·67	·733
12	·66	·73	·75	·79	·77	·80	·85	·91	·88	·89	·90	·93	·95	·93	·92	·85	·81	·68	·66	·67	·64	·63	·62	·63	·785
13	·66	·68	·69	·71	·71	·73	·72	·73	·74	·77	·80	·82	·83	·89	·90	·86	·74	·63	·62	·62	·66	·67	·67	·64	·729
14	·66	·66	·68	·70	·78	·73	·79	·82	·86	·86	·86	·87	·87	·87	·91	·84	·72	·66	·68	·66	·66	·66	·67	·67	·756
15	·68	·70	·75	·78	·81	·87	·88	·95	·91	·92	·92	·95	·97	·92	·93	·91	·80	·70	·67	·64	·64	·67	·65	·65	·803
16	·63	·68	·71	·72	·73	·73	·74	·76	·75	·80	·84	·88	·91	·90	·93	·84	·75	·69	·63	·62	·62	·64	·65	·68	·743
17	·71	·76	·79	·79	·79	·79	·81	·79	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·81	·83	·86	·89	·93	·91	·94	·86	·81	·76	·70	·74	·87	·85	·79	·819
19	·80	·82	·83	·84	·85	·87	·86	·87	·89	·92	·95	·93	·91	·93	·93	·92	·87	·82	·79	·74	·69	·69	·71	·70	·839
20	·77	·80	·86	·86	·86	·88	·87	·87	·87	·89	·90	·93	·95	·95	·95	·88	·80	·80	·75	·70	·67	·65	·69	·73	·828
21	·77	·80	·83	·84	·82	·83	·81	·81	·83	·87	·91	·91	·93	·93	·93	·87	·83	·72	·68	·69	·67	·68	·71	·71	·807
22	·74	·78	·82	·81	·82	·83	·83	·83	·86	·86	·85	·89	·92	·95	·94	·87	·80	·73	·69	·71	·71	·67	·70	·71	·805
23	·72	·76	·80	·80	·79	·83	·83	·84	·83	·85	·86	·88	·90	·91	·93	·94	·92	·83	·79	·76	·74	·74	·78	·78	·820
24	·81	·88	·92	·91	·91	·90	·89	·89	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·89	·93	·93	·94	·96	·96	·91	·83	·79	·75	·75	·79	·78	·73	·73	·860
26	·74	·80	·83	·80	·81	·80	·81	·83	·83	·84	·85	·89	·93	·97	·94	·85	·72	·70	·67	·75	·79	·74	·70	·69	·803
27	·69	·72	·74	·75	·74	·78	·75	·79	·76	·78	·79	·85	·91	·93	·93	·82	·67	·65	·63	·63	·61	·63	·61	·66	·742
28	·65	·66	·66	·66	·68	·76	·71	·73	·78	·78	·77	·77	·77	·77	·82	·74	·65	·66	·67	·64	·66	·64	·64	·67	·706
Means.	·698	·733	·761	·775	·783	·795	·800	·816	·827	·849	·866	·886	·901	·905	·910	·858	·783	·720	·688	·679	·673	·673	·677	·680	·781

TENSION OF THE ATMOSPHERIC VAPOUR. FEBRUARY 1855.

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. *	In.	In. *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·628	0·634	0·600	0·618	0·628	0·639	0·602	0·609	0·624	0·626	0·629	0·632	0·635	0·616	0·609	0·636	0·633	0·616	0·643	0·647	0·637	0·641	0·667	0·664	0·635
2	·672	·663	·662	·655	·668	·649	·654	·645	·640	·605	·571	·571	·572	·605	·610	·677	·699	·713	·675	·684	·674	·654	·655	·659	·647
3	·671	·673	·691	·688	·683	·679	·681	·670	·658	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·680	·703	·693	·684	·663	·665	·689	·721	·685	·696	·701	·686	·704	·695	·692	·685
5	·672	·700	·696	·704	·697	·674	·686	·701	·697	·692	·688	·693	·699	·704	·700	·720	·726	·725	·715	·729	·731	·675	·717	·718	·702
6	·741	·733	·721	·729	·733	·727	·727	·727	·719	·732	·745	·741	·738	·740	·719	·740	·759	·748	·733	·725	·737	·706	·703	·722	·730
7	·725	·711	·698	·680	·663	·671	·662	·653	·678	·666	·655	·654	·653	·635	·644	·659	·645	·697	·705	·684	·686	·685	·679	·664	·673
8	·649	·653	·620	·631	·632	·649	·653	·652	·629	·629	·630	·632	·635	·598	·608	·639	·698	·615	·540	·597	·562	·576	·547	·543	·617
9	·556	·582	·585	·559	·542	·535	·535	·535	·535	·567	·599	·595	·593	·556	·555	·574	·572	·560	·568	·564	·604	·604	·594	·553	·568
10	·565	·565	·576	·583	·383	·554	·577	·572	·555	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·626	·698	·689	·680	·631	·628	·634	·644	·625	·632	·658	·633	·699	·658	·658	·622
12	·637	·673	·662	·678	·660	·655	·651	·660	·637	·630	·624	·624	·624	·610	·616	·646	·682	·644	·650	·666	·650	·627	·625	·639	·645
13	·657	·634	·631	·632	·633	·634	·620	·616	·619	·599	·580	·581	·582	·613	·624	·657	·660	·603	·600	·624	·663	·677	·688	·636	·628
14	·629	·607	·582	·580	·615	·600	·599	·609	·620	·616	·612	·615	·639	·614	·609	·638	·620	·634	·651	·650	·662	·660	·683	·670	·624
15	·661	·649	·659	·667	·669	·694	·674	·698	·646	·648	·650	·653	·657	·639	·651	·691	·700	·674	·679	·675	·680	·689	·682	·666	·669
16	·627	·644	·631	·627	·632	·633	·628	·648	·628	·630	·632	·631	·630	·608	·631	·661	·662	·639	·624	·646	·652	·680	·686	·708	·642
17	·731	·741	·747	·748	·748	·745	·741	·725	·756	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·758	·760	·764	·769	·790	·790	·817	·817	·805	·792	·791	·799	·825	·851	·823	·776
19	·820	·815	·797	·795	·811	·825	·817	·819	·830	·837	·845	·827	·809	·814	·839	·833	·820	·847	·857	·861	·846	·814	·836	·818	·826
20	·826	·816	·847	·838	·823	·820	·821	·814	·811	·809	·807	·812	·818	·814	·813	·828	·832	·816	·815	·821	·788	·767	·794	·830	·817
21	·841	·830	·835	·827	·809	·792	·775	·767	·788	·802	·816	·813	·811	·794	·802	·827	·834	·783	·771	·795	·786	·805	·825	·808	·806
22	·811	·820	·820	·803	·800	·803	·805	·796	·823	·818	·814	·815	·817	·816	·809	·825	·832	·808	·815	·830	·803	·766	·797	·800	·810
23	·793	·787	·787	·785	·775	·783	·790	·792	·786	·791	·797	·789	·781	·816	·731	·770	·793	·816	·798	·841	·852	·847	·883	·880	·803
24	·893	·911	·898	·892	·892	·878	·870	·869	·855	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·835	·816	·808	·801	·801	·820	·830	·840	·855	·834	·853	·901	·889	·837	·826	·854
26	·799	·814	·817	·782	·785	·778	·776	·786	·786	·793	·800	·802	·804	·807	·789	·793	·739	·764	·748	·813	·840	·799	·771	·746	·789
27	·738	·733	·730	·726	·717	·740	·690	·723	·682	·680	·678	·683	·689	·692	·692	·711	·661	·676	·681	·692	·665	·656	·662	·699	·696
28	·682	·666	·626	·621	·621	·695	·640	·643	·654	·657	·660	·653	·646	·651	·647	·665	·651	·689	·715	·725	·731	·698	·697	·700	·668
Means.	·709	·711	·705	·702	·701	·702	·695	·697	·694	·697	·700	·699	·698	·693	·691	·715	·719	·711	·707	·720	·718	·715	·718	·713	·705

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. MARCH 1855.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·71	0·70	0·73	0·73	0·75	0·75	0·79	0·79	0·82	0·85	0·87	0·89	0·91	0·93	0·90	0·82	0·73	0·68	0·65	0·64	0·61	0·63	0·65	0·66	0·758
2	·67	·69	·72	·75	·78	·79	·82	·81	·81	·84	·87	·87	·87	·93	·92	·87	·79	·75	·72	·75	·74	·76	·74	·76	·793
3	·82	·81	·82	·82	·83	·83	·83	·84	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·85	·83	·85	·86	·87	·85	·80	·78	·77	·76	·76	·75	·75	·77	·76	·812
5	·77	·78	·80	·81	·81	·85	·87	·83	·83	·85	·87	·87	·86	·87	·87	·79	·78	·76	·72	·73	·73	·73	·74	·75	·803
6	·72	·74	·79	·80	·79	·78	·80	·80	·83	·86	·88	·91	·94	·94	·94	·87	·76	·71	·70	·68	·67	·67	·67	·64	·787
7	·67	·70	·73	·74	·75	·81	·83	·85	·86	·68	·90	·90	·90	·93	·92	·86	·76	·68	·66	·65	·64	·63	·64	·64	·772
8	·65	·70	·76	·78	·79	·80	·83	·83	·88	·88	·87	·89	·91	·91	·91	·84	·73	·67	·67	·65	·65	·64	·64	·66	·773
9	·67	·69	·75	·79	·80	·79	·83	·84	·87	·88	·89	·91	·93	·93	·91	·83	·79	·71	·70	·71	·68	·67	·71	·70	·791
10	·70	·75	·77	·78	·79	·79	·78	·79	·80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·86	·91	·91	·91	·89	·89	·83	·78	·69	·66	·75	·67	·63	·64	·65	·776
12	·64	·68	·72	·73	·75	·76	·76	·76	·78	·83	·87	·87	·87	·88	·89	·80	·66	·62	·62	·61	·59	·61	·62	·63	·731
13	·63	·66	·68	·72	·73	·72	·75	·78	·85	·87	·88	·91	·94	·91	·88	·81	·72	·67	·67	·68	·67	·66	·65	·65	·754
14	·70	·79	·81	·73	·76	·79	·79	·81	·83	·89	·94	·96	·97	·93	·93	·83	·74	·67	·68	·65	·63	·61	·61	·63	·750
15	·66	·70	·74	·73	·75	·79	·83	·83	·81	·85	·88	·88	·87	·88	·89	·83	·73	·67	·61	·61	·64	·64	·61	·64	·753
16	·64	·67	·72	·73	·72	·75	·80	·78	·79	·81	·82	·85	·87	·91	·90	·87	·72	·67	·67	·67	·65	·65	·64	·65	·748
17	·65	·70	·71	·73	·73	·75	·74	·75	·75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·83	·91	·93	·91	·93	·88	·78	·69	·67	·65	·64	·62	·61	·64	·64	·745
19	·67	·69	·70	·76	·79	·78	·83	·81	·86	·87	·87	·89	·91	·91	·89	·82	·74	·66	·64	·63	·64	·66	·64	·64	·764
20	·67	·71	·75	·80	·79	·78	·79	·82	·83	·86	·88	·90	·91	·92	·90	·84	·74	·67	·61	·64	·63	·63	·64	·66	·765
21	·67	·71	·74	·76	·78	·79	·79	·81	·80	·82	·83	·86	·88	·90	·89	·83	·78	·77	·66	·53	·48	·53	·54	·59	·739
22	·66	·71	·78	·75	·76	·76	·76	·76	·80	·85	·89	·90	·91	·90	·88	·80	·73	·66	·61	·58	·53	·57	·60	·67	·743
23	·67	·70	·72	·73	·74	·74	·75	·77	·86	·88	·89	·89	·89	·91	·91	·83	·73	·66	·63	·59	·60	·60	·60	·67	·748
24	·65	·64	·69	·71	·74	·83	·81	·84	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·89	·96	·97	·97	·96	·92	·83	·78	·73	·66	·65	·61	·64	·66	·68	·778
26	·68	·73	·78	·80	·82	·84	·86	·87	·90	·91	·91	·91	·91	·91	·91	·87	·77	·72	·66	·65	·65	·64	·63	·70	·793
27	·71	·77	·77	·76	·76	·81	·82	·84	·86	·87	·88	·90	·92	·87	·88	·81	·73	·71	·66	·63	·64	·63	·66	·67	·773
28	·69	·74	·75	·75	·77	·79	·82	·84	·84	·86	·87	·90	·93	·91	·90	·80	·77	·74	·69	·69	·67	·66	·68	·70	·782
29	·73	·75	·83	·84	·86	·86	·87	·88	·90	·90	·89	·88	·87	·89	·89	·83	·75	·71	·69	·69	·68	·70	·71	·70	·804
30	·72	·76	·79	·81	·84	·86	·87	·89	·87	·90	·92	·91	·90	·91	·91	·82	·74	·73	·69	·70	·68	·67	·71	·71	·805
Means.	·685	·718	·752	·763	·776	·792	·808	·817	·835	·863	·884	·897	·906	·908	·898	·828	·747	·698	·667	·660	·647	·647	·655	·671	·772

TENSION OF THE ATMOSPHERIC VAPOUR. MARCH 1855.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·724	0·695	0·700	0·683	0·690	0·683	0·710	0·703	0·711	0·708	0·704	0·696	0·687	0·689	0·701	0·706	0·700	0·690	0·702	0·694	0·716	0·750	0·720	0·726	0·702
2	·716	·705	·705	·721	·745	·745	·761	·750	·747	·759	·771	·766	·762	·770	·750	·787	·796	·817	·816	·833	·855	·866	·862	·846	·777
3	·889	·848	·831	·830	·827	·820	·821	·823	·825	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·805	·788	·801	·816	·798	·813	·810	·824	·848	·868	·875	·873	·870	·865	·861	·834
5	·844	·824	·803	·801	·803	·824	·825	·786	·786	·794	·803	·799	·796	·798	·807	·800	·819	·819	·806	·826	·837	·830	·843	·828	·813
6	·805	·789	·796	·781	·775	·762	·760	·760	·760	·758	·757	·763	·769	·761	·768	·792	·764	·761	·758	·742	·740	·749	·728	·723	·763
7	·715	·723	·722	·723	·724	·732	·738	·742	·747	·739	·732	·717	·702	·697	·709	·763	·766	·740	·712	·718	·715	·717	·742	·733	·728
8	·723	·721	·735	·744	·730	·729	·732	·713	·742	·724	·706	·713	·721	·714	·706	·733	·707	·699	·709	·719	·733	·723	·720	·740	·722
9	·720	·716	·729	·764	·758	·727	·738	·735	·723	·720	·717	·716	·715	·711	·722	·739	·781	·775	·791	·821	·775	·794	·831	·797	·751
10	·791	·785	·770	·771	·774	·774	·771	·774	·779	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·780	·782	·758	·734	·724	·719	·742	·794	·761	·758	·862	·763	·732	·728	·725	·765
12	·697	·709	·711	·711	·720	·723	·709	·698	·700	·709	·700	·699	·699	·699	·701	·709	·684	·665	·668	·678	·671	·664	·671	·673	·694
13	·673	·675	·668	·689	·681	·681	·690	·688	·701	·701	·702	·699	·696	·666	·673	·704	·698	·702	·723	·770	·760	·747	·750	·742	·703
14	·764	·828	·809	·712	·723	·751	·747	·750	·738	·747	·756	·759	·763	·705	·726	·764	·758	·734	·777	·750	·744	·733	·723	·739	·750
15	·732	·738	·734	·715	·726	·741	·743	·729	·719	·730	·742	·745	·749	·727	·728	·760	·755	·747	·727	·737	·776	·756	·743	·753	·740
16	·738	·726	·726	·712	·728	·735	·777	·753	·749	·753	·758	·740	·723	·734	·758	·776	·754	·760	·770	·794	·774	·756	·750	·732	·749
17	·735	·732	·718	·717	·713	·722	·716	·720	·716	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·740	·782	·762	·743	·728	·707	·700	·717	·719	·741	·747	·741	·722	·728	·737	·730
19	·749	·736	·705	·740	·751	·725	·767	·766	·769	·746	·723	·731	·740	·736	·744	·758	·761	·748	·754	·774	·795	·806	·783	·775	·753
20	·786	·779	·780	·794	·776	·773	·775	·791	·788	·780	·773	·756	·739	·750	·776	·803	·799	·787	·761	·802	·792	·796	·798	·803	·782
21	·786	·788	·790	·797	·809	·795	·796	·798	·795	·793	·792	·788	·785	·792	·803	·828	·853	·908	·843	·732	·630	·710	·693	·759	·786
22	·786	·812	·830	·789	·791	·770	·764	·766	·783	·777	·771	·765	·759	·752	·756	·803	·808	·795	·765	·736	·683	·726	·763	·815	·774
23	·786	·785	·756	·756	·751	·745	·735	·721	·747	·744	·741	·725	·710	·712	·734	·786	·786	·759	·732	·706	·732	·730	·736	·754	·745
24	·749	·711	·716	·725	·725	·760	·744	·703	·686	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·753	·820	·811	·802	·786	·778	·796	·829	·814	·810	·810	·820	·826	·841	·852	·778
26	·841	·850	·853	·856	·864	·874	·873	·859	·863	·852	·841	·811	·782	·811	·840	·874	·872	·872	·842	·864	·866	·854	·834	·882	·851
27	·801	·894	·848	·819	·805	·842	·833	·837	·821	·816	·809	·810	·812	·784	·822	·821	·837	·858	·844	·816	·820	·816	·841	·845	·830
28	·860	·861	·836	·817	·833	·840	·864	·872	·842	·845	·849	·859	·869	·838	·869	·874	·878	·882	·896	·896	·873	·885	·875	·885	·862
29	·894	·885	·922	·904	·926	·915	·916	·918	·911	·884	·858	·842	·827	·841	·891	·934	·883	·886	·887	·905	·900	·916	·918	·882	·894
30	·882	·875	·879	·877	·891	·902	·900	·906	·868	·871	·875	·860	·845	·836	·870	·894	·899	·895	·896	·906	·890	·874	·907	·894	·883
Means.	·779	·777	·772	·767	·771	·773	·777	·772	·770	·770	·771	·765	·759	·752	·764	·787	·789	·786	·783	·789	·780	·781	·784	·789	·775

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
March 31	0·73	0·75	0·80	0·80	0·82	0·86	0·86	0·84	0·91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April 1855. 1	—	—	—	—	—	—	—	—	—	0·92	0·92	0·90	0·88	0.87	0·87	0·79	0.70	0·70	0·69	0·67	0.67	0·66	0·67	0·69	0·790
2	·74	·82	·84	·84	·83	·84	·85	·82	·85	·87	·89	·90	·90	·90	·87	·77	·70	·60	·58	·62	·64	·65	·67	·68	·778
3	·76	·82	·82	·81	·83	·84	·85	·82	·81	·83	·85	·87	·89	·91	·89	·73	·68	·65	·63	·68	·65	·65	·66	·68	·775
4	·73	·77	·82	·84	·82	·84	·86	·88	·87	·89	·90	·91	·92	·89	·88	·75	·76	·66	·65	·63	·67	·65	·67	·64	·788
5	·66	·78	·82	·82	·80	·84	·85	·85	·84	·86	·87	·88	·88	·92	·86	·77	·66	·68	·64	·65	·63	·64	·67	·71	·774
6	·79	·80	·82	·86	·86	·86	·88	·86	·84	·86	·88	·88	·87	·87	·88	·80	·72	·68	·66	·67	·65	·66	·70	·72	·795
7	·79	·82	·84	·84	·82	84	·84	·73	·73	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·82	·90	·92	·93	·94	·90	·75	·70	·64	·62	·62	·60	·59	·62	·62	·768
9	·64	·71	·75	·78	·78	·80	·81	·82	·83	·87	·91	·93	·95	·93	·88	·82	·71	·66	·64	·61	·63	·63	·62	·69	·767
10	·75	·75	·77	·76	·78	·80	·82	·84	·85	·88	·90	·92	·94	·93	·88	·79	·73	·64	·67	·66	·61	·63	·65	·63	·774
11	·67	·68	·71	·72	·75	·76	·79	·79	·80	·84	·87	·89	·91	·89	·87	·76	·73	·72	·63	·66	·66	·68	·74	·75	·761
12	·72	·77	·78	·80	·80	·80	·80	·80	·79	·82	·84	·87	·89	·86	·87	·80	·73	·67	·65	·62	·62	·70	·68	·72	·767
13	·71	·75	·77	·78	·78	·82	·83	·84	·87	·87	·87	·88	·88	·92	·88	·61	·71	·69	·68	·65	·65	·61	·66	·71	·776
14	·72	·76	77	·82	·82	·83	·84	·86	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·90	·91	·91	·90	·91	·86	·76	·70	·65	·65	·63	·62	·64	·68	·67	·780
16	·67	·70	·73	·73	·79	·82	·83	·84	·84	·85	·86	·89	·92	·96	·91	·78	·70	·68	·65	·65	·64	·64	·63	·65	·764
17	·69	·72	·76	·78	·77	·78	·80	·80	·80	·83	·86	·91	·95	·89	·84	·73	·65	·63	·62	·62	·61	·58	·59	·63	·744
18	·65	·68	·77	·77	·82	·82	·84	·84	·85	·87	·88	·89	·90	·90	·83	·81	·71	·62	·68	·66	·65	·67	·69	·70	·771
19	·76	·77	·82	·82	·80	·81	·80	·80	·84	·84	·84	·85	·86	·86	·81	·74	·69	·59	·56	·60	·64	·66	·68	·73	·737
20	·74	·80	·81	·82	·82	·83	·83	·79	·81	·81	·81	·63	·85	·85	81	·75	·65	·59	·54	·51	·62	·63	·74	·78	·751
21	·80	·82	·84	·84	·83	·81	·81	·81	·80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·86	·92	·94	·95	·93	·88	·80	·68	·64	·65	·64	·67	·70	·69	·65	·790
23	·75	·75	·76	·83	·83	·86	·86	·87	·87	·89	·90	·91	·92	·93	·87	·78	·72	·66	·68	·70	·70	·68	·69	·73	·798
24	·75	·76	·86	·88	·88	·87	·87	·87	·85	·88	·91	·95	·98	·98	·86	·80	·71	·70	·69	·67	·66	·66	·69	69	·809
25	·71	·74	·76	·81	·82	·80	·87	·57	·88	·90	·92	·92	·92	·93	·86	·81	·69	·72	·67	·63	·61	·63	·66	·68	·785
26	·73	·81	·84	·84	·83	·84	·83	·82	·79	·80	·80	·84	·87	·84	·80	·72	·57	·49	·49	·43	·52	·55	·58	·64	·720
27	·67	·76	·80	·83	·85	·87	·88	·91	·90	·90	·89	·90	·91	·90	·84	·74	·73	·69	·65	·65	·64	·66	·70	·70	·790
28	·69	·72	·76	78	·82	·83	·83	·85	·90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·89	·88	·92	·95	·96	·92	·76	·69	·59	·58	·61	·63	·59	·60	·60	·765
30	·63	·69	·78	·80	·82	·62	82	·84	·88	·88	·88	·89	89	·93	·85	·79	·55	·51	·45	·51	·60	·62	·66	·71	·742
Means.	·717	·758	·793	·808	·814	·827	·837	·833	·842	·863	·879	·896	·908	·907	·865	·774	·691	·644	·627	·625	·634	·641	·665	·685	·772

TENSION OF THE ATMOSPHERIC VAPOUR.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
March 31	0·869	0·867	0·868	0·864	0·863	0·897	0·867	0·874	0·861	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April 1855. 1	—	—	—	—	—	—	—	—	—	0·905	0·922	0·903	0·894	0·853	0·881	0·889	0·872	0·935	0·919	0·930	0·907	0·907	0·926	0·912	0·896
2	·912	·942	·934	·925	·905	·910	·910	·873	·888	·896	·905	·907	·910	·893	·903	·886	·872	·817	·839	·884	·891	·896	·888	·905	·895
3	·929	·951	·924	·902	907	908	·913	·850	·805	·813	·822	·835	·849	·872	·893	·845	·847	·864	·881	·923	·896	·896	·885	·882	·879
4	·913	·908	·909	·906	·886	·900	·914	·915	·889	·856	·884	·882	·881	·867	·883	·860	·876	·839	·852	·884	·905	·898	·873	·834	·885
5	·842	·900	·891	·894	·864	·904	·802	·880	868	·861	·854	·861	·868	·881	·876	·859	·838	·876	·851	·858	·856	·800	·882	·856	·872
6	·911	·920	·918	·926	·926	·914	·917	·905	·872	·867	·863	·847	·832	·825	·882	·913	·886	·907	·917	·920	·902	·893	·921	·930	·896
7	·964	·935	·924	·900	·879	·882	·878	·739	·719	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·753	·791	·790	·789	·773	·807	·811	·807	·791	·806	·808	·798	·790	·814	·791	·823
9	·795	·820	·817	·820	·820	·832	·823	·811	·814	·814	·814	·805	·797	·785	·801	·853	·835	·829	·819	·796	·817	·820	·811	·872	·818
10	·914	859	·846	·816	·822	·825	·834	·844	·835	·821	·807	·805	·803	·794	801	·817	·832	·769	·843	·611	·793	·830	·838	·816	·826
11	·839	·790	·772	·771	·789	·780	·788	·782	·796	·797	·798	·793	·788	·790	·798	·791	·816	·856	·831	·869	·846	·877	·920	·885	·815
12	·864	·862	·853	·860	·863	·856	·858	·851	·843	·842	·842	·854	·866	·852	·866	·886	·881	·868	·865	·852	·877	·905	·908	·907	·806
13	·900	·903	·880	·884	·674	·894	·902	·903	·913	·906	·879	·871	·863	·882	·895	·922	·894	·880	·932	·896	·901	·845	·876	·877	·891
14	·904	·912	·883	·909	·910	910	·904	·911	·914	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·929	·944	·924	·904	·872	·893	·890	·889	·889	·896	·886	·884	·899	·916	·896	·903
16	·878	·869	·811	·835	·878	·894	·901	·900	·870	·866	·862	·861	·861	·855	·899	·897	·874	·875	·883	·898	·893	·885	·870	·882	·876
17	·878	·877	·867	·854	·850	·838	·861	·833	·836	·841	·847	·846	·846	·819	·851	·837	·836	·853	·853	·853	·851	·810	·811	·812	·844
18	·827	·827	·869	·842	·880	·886	·897	·894	·903	·911	·919	·913	·908	·898	·889	·948	·894	·864	·915	·938	·905	·933	·961	·956	·899
19	·987	·948	·938	·937	·921	·911	·897	·891	·901	·903	·902	·906	·911	·908	·907	·906	·906	·866	·872	·906	·926	·938	·981	·974	·918
20	·961	·966	·957	·961	·938	·959	·965	·911	·928	·925	·928	·938	·949	·947	·928	·916	·896	·897	·885	·894	·957	·972	1·056	1·012	·945
21	·980	·995	1·008	·999	·990	959	·951	·951	·942	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·964	·986	·986	·987	·971	·973	·975	·941	·922	·926	·919	·964	·970	0·942	0·896	·963
23	·927	·900	0·990	·957	·953	·967	·964	·940	·940	·943	·947	·950	·953	·968	·965	·941	·943	·932	·946	·973	·985	·975	·963	·956	·951
24	·978	·966	·999	1·014	·993	·974	·963	·955	·937	·956	·976	·996	1·016	1·023	·986	·975	·952	·965	·958	·958	·943	·948	·960	·940	·972
25	·924	·922	·915	0·934	·928	·859	·938	·933	·911	·926	·941	·939	0·938	0·940	·945	·945	·918	·977	·965	·952	·936	·917	·949	·945	·933
26	·960	·983	·969	·964	·948	·914	·925	·916	·856	·846	·836	·855	·874	·817	·859	·880	·802	·768	·791	·786	·835	·840	·875	·917	·878
27	·935	·983	·982	·993	·997	1·008	·999	1·005	·972	·958	·945	·944	·943	·925	·946	·931	·967	960	·957	·956	·970	·959	·969	·954	·965
28	·925	·902	·878	·898	·925	0·933	·919	0·925	·947	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·932	·917	·909	·902	·883	·893	·883	·885	·842	·866	·911	·905	·871	·891	·873	·901
30	·869	·879	·905	·903	·907	·907	·877	·878	·882	·861	·840	·829	·819	·841	·836	·905	·719	·737	·718	·816	·876	·928	·948	·970	·860
Means.	·908	·907	·903	·903	·902	·902	·903	·887	·880	·882	·884	·883	·882	·876	·887	·892	·672	·669	·677	·889	·894	·896	·909	·904	·891

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

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HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. MAY 1855.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h. m. 4 41	h. m. 5. 41	h. m. 6. 41	h. m. 7. 41	h. m. 8. 41	h. m. 9. 41	h. m. 10. 41	h. m. 11. 41	h. m. 12. 41	h. m. 13. 41	h. m. 14. 41	h. m. 15. 41	h. m. 16. 41	h. m. 17. 41	h. m. 18. 41	h. m. 19. 41	h. m. 20. 41	h. m. 21. 41	h. m. 22. 41	h. m. 23. 41	h. m. 0. 41	h. m. 1. 41	h. m. 2. 41	h. m. 3. 41	
1	0·74	0·79	0·81	0·82	0·83	0·87	0·86	0·89	0·88	0·90	0·92	0·90	0·88	0·87	0·88	0·77	0·66	0·60	0·50	0·55	0·62	0·65	0·66	0·69	0·773
2	·73	·78	·84	·87	·84	·86	·87	·88	·88	·88	·88	·92	·90	·96	·92	·82	·70	·56	·65	·58	·56	·55	·57	·57	·776
3	·63	·73	·80	·82	·84	·86	·85	·86	·85	·87	·88	·90	·91	·88	·84	·76	·71	·63	·63	·61	·68	·70	·67	·68	·775
4	·72	·73	·80	·82	·83	·84	·86	·86	·88	·89	·90	·90	·90	·93	·86	·75	·67	·67	·67	·61	·56	·60	·60	·60	·769
5	·63	·63	·72	·75	·77	·82	·86	·85	·85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·84	·82	·84	·85	·83	·76	·70	·64	·55	·45	·39	·51	·53	·53	·56	·695
7	·64	·65	·73	·78	·84	·87	·83	·85	·84	·87	·89	·90	·91	·90	·83	·74	·64	·62	·61	·58	·58	·56	·59	·60	·744
8	·62	·68	·75	·77	·80	·81	·87	·84	·84	·86	·87	·88	·88	·91	·84	·79	·73	·71	·68	·67	·59	·64	·65	·69	·765
9	·71	·80	·88	·88	·90	·91	·85	·89	·89	·90	·91	·89	·87	·88	·81	·74	·68	·64	·57	·58	·62	·81	·65	·64	·779
10	·68	·76	·83	·85	·88	·89	·88	·88	·91	·91	·90	·91	·91	·90	·85	·72	·65	·54	·54	·50	·51	·53	·54	·57	·752
11	·63	·69	·77	·82	·83	·86	·88	·87	·87	·88	·88	·88	·88	·87	·82	·74	·67	·61	·61	·62	·64	·63	·63	·64	·759
12	·69	·78	·82	·84	·85	·88	·88	·87	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·82	·80	·81	·81	·78	·72	·58	·46	·43	·43	·49	·50	·47	·52	·51	·691
14	·56	·63	·69	·75	·82	·84	·81	·82	·82	·85	·87	·85	·83	·84	·71	·63	·48	·38	·43	·44	·41	·43	·45	·46	·658
15	·50	·63	·67	·68	·64	·69	·68	·75	·74	·76	·77	·75	·73	·66	·66	·56	·48	·40	·31	·28	·39	·46	·52	·54	·594
16	·57	·63	·76	·79	·77	·77	·74	·77	·81	·80	·79	·79	·78	·80	·73	·61	·56	·54	·55	·57	·59	·57	·56	·26	·685
17	·58	·65	·81	·82	·81	·81	·82	·84	·81	·83	·84	·86	·88	·88	·81	·74	·65	·68	·66	·65	·70	·63	·66	·66	·753
18	·68	·76	·79	·80	·78	·80	·82	·83	·83	·86	·88	·83	·77	·74	·65	·58	·49	·40	·35	·33	·30	·46	·50	·55	·658
19	·56	·70	·78	·79	·78	·73	·75	·76	·75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·73	·70	·73	·75	·71	·69	·63	·61	·43	·41	·39	·38	·43	·52	·52	·635
21	·51	·63	·75	·78	·81	·82	·80	·79	·77	·77	·77	·75	·73	·72	·67	·62	·52	·48	·43	·40	·39	·36	·48	·52	·636
22	·60	·72	·71	·71	·73	·75	·77	·78	·78	·80	·81	·80	·79	·77	·60	·55	·52	·50	·47	·42	·40	·35	·41	·51	·635
23	·57	·70	·78	·78	·75	·73	·73	·73	·74	·73	·72	·70	·67	·64	·59	·54	·44	·41	·35	·38	·43	·47	·52	·57	·611
24	·63	·67	·68	·67	·68	·65	·61	·61	·66	·68	·70	·73	·76	·75	·65	·57	·47	·47	·40	·37	·32	·34	·41	·46	·581
25	·53	·63	·74	·74	·73	·70	·70	·70	·65	·65	·64	·63	·62	·63	·63	·57	·50	·42	·35	·30	·41	·45	·48	·52	·580
26	·58	·60	·78	·81	·81	·81	·82	·83	·83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·76	·68	·67	·66	·65	·57	·52	·49	·45	·38	·34	·28	·27	·27	·30	·590
28	·46	·60	·66	·70	·73	·71	·71	·75	·70	·72	·74	·75	·75	·75	·68	·58	·50	·46	·38	·34	·45	·47	·47	·54	·608
29	·62	·74	·77	·77	·78	·80	·75	·75	·74	·76	·78	·79	·79	.76	·73	·63	·51	·46	·41	·39	·47	·52	·50	·56	·658
30	·65	·74	·75	·78	·76	·74	·74	·76	·71	·75	·78	·78	·77	·77	·68	·57	·50	·41	·40	·38	·39	·47	·49	·53	·639
31	·62	·72	·77	·77	·77	·76	·77	·75	·72	·70	·67	·68	·69	·74	·68	·57	·49	·45	·41	·38	·39	·46	·44	·47	·620
Means.	·616	·695	·764	·784	·791	·799	·797	·806	·800	·806	·807	·808	·805	·797	·736	.652	·571	·516	·483	·464	·484	·504	·529	·556	·682

TENSION OF THE ATMOSPHERIC VAPOUR. MAY 1855.

	Noon.	1	2	3	4	5	6	7	8	9*	10	11*	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·961	0·977	0·947	0·932	0·933	0·943	0·924	0·933	0·911	0·902	0·893	0·875	0·857	0·855	0·919	0·908	0·892	0·813	0·793	0·886	0·949	0·915	0·987	0·977	0·916
2	·980	·972	·996	1·000	·959	·967	·969	·967	·943	·943	·944	·941	·939	·961	·978	·970	·923	·850	·937	·858	·853	·824	·862	·841	·932
3	·857	·910	·921	0·935	·941	·936	·919	·908	·895	·888	·882	·873	·864	·834	·860	·906	·894	·884	·886	·881	·968	1·001	·962	·976	·908
4	·973	·952	·975	·977	·984	·986	·990	·990	·981	·981	·981	·949	·917	·932	·967	·932	·911	·940	·950	·885	·838	0·869	·875	·856	·941
5	·889	·828	·874	·893	·914	·940	·976	·965	·965	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	·947	·930	·923	·916	·893	·896	·891	·919	·885	·779	·722	·853	·875	·854	·903	·893
7	·954	·914	·957	·976	1·019	1·036	1·008	1·007	·996	·994	·992	·999	1·006	·978	·987	·963	·926	·925	·939	·925	·927	·904	·923	·915	·965
8	·905	·933	·950	·940	0·940	0·952	·011	0·978	·964	·967	·971	·985	0·999	1·011	·996	·994	·974	1·004	1·008	1·023	·946	·960	·955	·967	·973
9	·985	·933	1·060	1·043	1·035	1·034	0·995	·996	·982	·982	·982	·955	·928	0·920	·923	·931	·921	0·914	0·893	0·930	·954	·938	·989	·961	·966
10	·968	·991	·008	·012	·005	·015	·999	·996	1·014	·996	·978	·977	·977	·956	·979	·915	·896	·823	·843	·790	·821	·838	·835	·847	·937
11	·890	·926	0·943	0·978	0·987	0·999	1·005	·997	0·997	·985	·973	·977	·981	·972	·970	·970	·937	·942	·979	·969	·978	·955	·948	·937	·966
12	·973	1·003	1·024	1·022	1·030	1·049	·045	1·026	·994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	·968	·942	·933	·924	·808	·892	·779	·700	·703	·784	·808	·818	·845	·840	·809	·909
14	·861	0·874	0·912	0·949	·017	·023	0·987	0·986	·968	·977	·987	·954	·922	·900	·858	·884	·753	·623	·753	·765	·725	·750	·745	·745	·872
15	·790	·865	·872	·879	0·834	0·867	·875	·932	·929	·935	·941	·874	·808	·725	·813	·770	·722	·665	·591	·559	·713	·817	·858	·873	·813
16	·872	·914	·963	·971	·946	·943	·909	·933	·951	·931	·911	·884	·857	·859	·857	·862	·828	·843	·851	·882	·917	·887	·861	·858	·895
17	·859	·903	1·017	1·014	1·008	·982	·987	·996	·967	·965	·964	·974	·984	·981	·983	·986	·959	1·000	1·000	·990	1·001	·953	·980	·972	·976
18	·986	1·008	·022	·012	0·972	·974	·989	·990	·992	·998	1·005	·919	·834	·799	·750	·763	·723	0·868	0·645	·656	0·621	·777	·814	·877	·866
19	·857	0·949	0·973	0·986	·970	·931	·934	·931	·900	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	·848	0·797	·804	·812	·751	·781	·815	·797	·703	·731	·754	·763	·808	·840	·842	·845
21	·833	·894	·967	·980	·998	·996	·977	·964	·942	·925	·908	·872	·837	·826	821	·839	·804	·785	·786	·796	·812	·773	·876	·912	·880
22	·944	·999	·978	·961	·966	·972	·977	·969	·957	·958	·959	·936	·913	·893	·761	·777	·798	·836	·856	·867	·853	·768	·840	·910	·962
23	·915	·989	1·011	1·002	·975	·957	·949	·938	·929	·926	·923	·885	·847	·807	·784	·793	·759	752	·713	·791	·831	·872	·918	·922	·883
24	·976	·969	0·962	0·951	·939	·874	·867	·622	·871	·892	·913	·933	·953	·930	·867	·856	·830	·854	·790	·809	·744	·804	·848	·879	·878
25	·921	·981	1·016	·995	·991	·962	·959	·956	·858	·846	·834	·804	·775	·803	·852	·838	·817	·778	·708	·648	·825	·873	·866	·868	·866
26	·917	·933	0·990	1·000	·985	·966	·964	·959	·954	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	·899	·844	·825	·806	·791	·788	·778	·801	·757	·741	·732	·648	·631	·639	·671	·834
28	·800	·922	·918	0·886	·894	·881	·879	·892	·839	·853	·867	·872	·877	·873	·853	·820	·792	·790	·735	·703	·866	·870	·850	·883	·851
29	·942	986	·948	·941	·944	·947	·906	·888	·867	·880	·894	·890	·887	·846	·843	·825	·785	·801	·779	·788	·867	·867	·855	·917	·879
30	·964	·978	·949	·961	·938	·931	·936	·954	·886	·906	·927	·903	·880	·864	·842	·805	·799	·820	·805	·812	·837	·866	·857	·830	·887
31	·945	·972	·989	·987	·987	·939	·948	·921	·876	·831	·786	·799	·812	·856	·848	·834	·812	·817	·808	·825	·847	·899	·819	·823	·874
Means.	·916	·944	·968	·970	·967	·963	·956	·955	·938	·930	·923	·908	·893	·878	·877	·867	·839	·824	·818	·817	·844	·859	·870	·882	·900

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. JUNE 1855.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41 *	h.m. 14.41	h.m. 15.41 *	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41	
1	0·61	0·71	0·74	0,72	0·75	0·66	0·61	0·60	0·66	0·72	0·77	0·80	0·82	0·78	0·65	0·53	0·47	0·46	0·43	0·38	0·34	0·34	0·46	0·69	0·613
2	·57	·79	·81	·81	·81	·83	·83	·82	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·70	·58	·62	·65	·59	·54	·50	·48	·45	·38	·35	·35	·28	·40	·45	·600
4	·54	·62	·68	·77	·79	·72	·68	·65	·68	·68	·67	·66	·65	·62	·64	·56	·49	·40	·38	·40	·43	·42	·41	·43	·582
5	·51	·59	·58	·71	·72	·70	·71	·71	·68	·72	·76	·77	·78	·80	·78	·64	·55	·49	·44	·39	·50	·50	·52	·56	·629
6	·67	·72	·74	·74	·73	·74	·72	·72	·73	·75	·77	·76	·74	·74	·69	·64	·58	·51	·47	·47	·43	·55	·59	·60	·658
7	·64	·72	·82	·83	·82	·82	·82	·81	·78	·78	·77	·80	·82	·84	·75	·67	·60	·52	·49	·58	·61	·61	·63	·63	·715
8	·69	·73	·79	·80	·81	·81	·81	·75	·58	·60	·61	·67	·73	·76	·71	·57	·52	·51	·44	·51	·51	·53	·57	·64	·652
9	·64	·75	·80	·79	·74	·74	·74	·74	·74	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	·61	·87	·87	·86	·86	·80	·71	·62	·54	·50	·59	·59	·62	·63	·65	·717
11	·71	·76	·85	·68	·87	·61	·76	·76	·77	·78	·79	·80	·80	·80	·76	·71	·64	·58	·51	·59	·62	·61	·68	·67	·731
12	·74	·78	·80	·80	·82	·85	·85	·87	·86	·85	·84	·84	·84	·78	·79	·71	·71	·66	·62	·52	·46	·51	·62	·63	·740
13	·68	·76	·81	·84	·85	·85	·86	·86	·87	·87	·87	·91	·94	·92	·86	·82	·79	·84	·75	·65	·57	·50	·61	·65	·789
14	·69	·73	·82	·85	·85	·83	·83	·84	·84	·84	·84	·82	·80	·76	·72	·65	·57	·56	·53	·45	·55	·60	·61	·62	·717
15	·61	·63	·68	·74	·82	·84	·84	·64	·77	·81	·84	·83	·62	·82	·79	·77	·67	·61	·48	·45	·44	·40	·40	·38	·676
16	·60	·66	·69	·69	·72	·74	·74	·76	·77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·82	·87	·87	·86	·88	·88	·67	·81	·74	·61	·59	·54	·54	·53	·50	·720
18	·57	·66	·69	·68	·73	·73	·77	·75	·74	·74	·73	·74	·74	·71	·60	·62	·55	·49	·49	·46	·46	·43	·50	·58	·634
19	·67	·72	·70	·74	·76	·77	·74	·74	·76	·77	·77	·75	·73	·76	·71	·58	·50	·44	·42	·40	·40	·35	·44	·58	·633
20	·67	·69	·72	·74	·74	·76	·75	·76	·77	·74	·70	·68	·65	·61	·58	·54	·51	·46	·45	·43	·37	·48	·48	·55	·618
21	·63	·68	·74	·77	·81	·81	·81	·75	·77	·75	·73	·75	·77	·75	·67	·56	·52	·50	·44	·43	·49	·49	·51	·57	·654
22	·60	·62	·69	·68	·70	·74	·70	·73	·70	·80	·84	·84	·84	·88	·80	·74	·65	·54	·63	·74	·72	·72	·71	·72	·729
23	·74	·77	·78	·79	·80	·82	·64	·85	·87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·86	·84	·84	·83	·84	·76	·67	·57	·51	·49	·46	·43	·54	·80	·64	·714
25	·61	·73	·72	·82	·85	·88	·88	·84	·85	·92	·98	·94	·89	·88	·79	·66	·61	·54	·44	·45	·42	·40	·38	·40	·703
26	·40	·41	·45	·49	·79	·78	·81	·81	·77	·76	·75	·75	·74	·73	·66	·58	·55	·54	·52	·50	·50	·49	·44	·46	·612
27	·51	·50	·60	·64	·65	·62	·64	·69	·67	·67	·67	·65	·63	·68	·65	·62	·60	·56	·49	·47	·45	·45	·47	·43	·584
28	·44	·47	·58	·62	·79	·90	·94	·91	·86	·87	·88	·83	·78	·78	·75	·76	·76	·73	·67	·61	·55	·48	·47	·48	·706
29	·51	·52	·59	·57	·67	·64	·87	·92	·79	·81	·82	·79	·75	·80	·76	·76	·72	·61	·62	·54	·55	·55	·54	·55	·679
Means.	·610	·669	·715	·740	·776	·776	·783	·779	·766	·777	·782	·783	·778	·775	·727	·658	·602	·556	·508	·496	·491	·496	·526	·562	·672

TENSION OF THE ATMOSPHERIC VAPOUR. JUNE 1855.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. *	In.	In. *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·926	0·979	0·962	0·923	0·923	0·838	0·794	0·790	0·841	0·867	0·894	0·906	0·919	0·848	0·756	0·753	0·758	0·805	0·906	0·763	0·730	0·749	0·813	0·868	0·843
2	·847	·965	·959	·950	·953	·962	·957	·932	·925	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	·839	·753	·762	·772	·719	·712	·722	·765	·757	·734	·702	·704	·636	·772	·831	·819
4	·880	·931	·948	·998	·984	·867	·810	·810	·833	·824	·816	·798	·781	·746	·775	·783	·767	·734	·734	·729	·773	·749	·724	·755	·815
5	·825	·801	·842	·926	·929	·904	·894	·885	·818	·847	·876	·885	·894	·918	·923	·887	·852	·825	·806	·753	·842	·823	·827	·858	·864
6	·940	·957	·951	·933	·925	·902	·876	·865	·864	·868	·873	·857	·841	·829	·844	·858	·863	·836	·820	·847	·821	·877	·901	·909	·877
7	·916	·962	·988	·982	·957	·957	·957	·936	·918	·898	·879	·902	·926	·935	·914	·874	·876	·840	·839	·904	·902	·912	·918	·914	·917
8	·962	·974	·951	·953	·950	·946	·946	·913	·678	·695	·712	·761	·810	·821	·829	·781	·781	·798	·766	·801	·764	·803	·855	·894	·839
9	·888	·950	·947	·933	·877	·863	·870	·869	·860	—	—	—	—	—	—	—	—	—	—	—	—	...	—	—	—
10	—	—	—	—	—	—	—	—	—	·896	·933	·919	·905	·917	·920	·911	·884	·866	·861	·923	·927	·946	·944	·942	·907
11	·976	·995	1·012	1·034	1·004	·947	·908	·875	·910	·903	·896	·892	·889	·889	·905	·926	·922	·931	·892	·947	·944	·938	·946	·737	·926
12	·846	·898	0·801	0·894	0·924	·972	·965	·977	·951	·925	·900	·885	·870	·825	·879	·882	·888	·869	·884	·833	·808	·839	·909	·920	·893
13	·951	·983	·984	·985	1·004	1·005	1·006	·999	1·004	·984	·965	·962	·959	·924	·850	·825	·828	·870	·872	·865	·858	·829	·935	·954	·934
14	·956	·959	·967	·971	0·969	0·961	0·958	·957	0·931	·916	·901	·868	·832	·793	·806	·824	·805	·822	·860	·778	·877	·890	·905	·874	·891
15	·853	·827	·841	·870	·952	·974	·968	·970	·878	·800	·842	·826	·811	·825	·842	·856	·873	·844	·771	·760	·766	·749	·765	·741	·844
16	·871	·907	·884	·875	·883	·897	·897	·906	·902	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	·676	·855	·653	·852	·884	·897	·909	·905	·897	·787	·797	·760	·774	·787	·773	·860
18	·820	·843	·850	·822	·864	·866	·908	·878	·841	·825	·810	·797	·785	·751	·731	·735	·720	·713	·738	·749	·735	·743	·816	·841	·799
19	·868	·915	·880	·868	·872	·880	·867	·867	·896	·887	·676	·843	·806	·838	·794	·725	·661	·628	·647	·673	·702	·622	·726	·831	·799
20	·874	·858	·806	·896	·889	·904	·897	·907	·917	·672	·827	·778	·729	·678	·687	·693	·715	·604	·696	·725	·679	·720	·717	·780	·793
21	·866	·909	·929	·933	·951	·951	·951	·885	·876	·857	·837	·843	·850	·816	·763	·719	·714	·742	·726	·751	·817	·824	·836	·887	·843
22	·928	·878	·913	·883	·874	·897	·853	·880	·900	·897	·895	·883	·871	·982	·890	·867	·865	·874	·889	·947	·901	·907	·920	·912	·892
23	·891	·886	·875	·870	·873	·888	·901	·903	·919	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	·925	·931	·911	·892	·901	·900	·873	·834	·807	·802	·789	·790	·872	·915	·951	·879
25	·897	·948	·905	·979	·998	1·013	1·003	·963	·935	·952	·970	·928	·886	·887	·857	·801	·795	·759	·676	·718	·731	·723	·690	·724	·864
26	·715	·717	·725	·738	·983	0·962	0·966	·951	·903	·887	·872	·856	·840	·838	·771	·726	·714	·736	·740	·718	·746	·763	·704	·724	·804
27	·792	·765	·786	·806	·833	·808	·805	·836	·818	·817	·816	·783	·750	·785	·756	·742	·763	·742	·740	·733	·719	·748	·771	·744	·777
28	·736	·753	·806	·800	·866	·922	·949	·952	·920	·915	·911	·867	·824	·824	·789	·802	·819	·837	·847	·799	·760	·747	·733	·738	·830
29	·749	·749	·784	·759	·808	·776	·892	·916	·826	·833	·838	·800	·762	·804	·805	·816	·806	·766	·781	·718	·714	·722	·698	·714	·785
Means.	·871	·897	·899	·904	·922	·915	·912	·905	·883	·875	·867	·853	·842	·835	·824	·812	·807	·800	·789	·789	·791	·796	·821	·834	·852

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P.M. h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41	
HUMIDITY OF THE AIR.										*		*													
June 30	0·54	0·58	0·62	0·66	0·65	0·68	0·69	0·69	0·70	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July 1855. 1	—	—	—	—	—	—	—	—	—	0·74	0·78	0·82	0·85	0·80	0·66	0·58	0·52	0·50	0·45	0·44	0·42	0·40	0·37	0·42	0·607
2	·42	·63	·78	·75	·78	·77	·79	·76	·59	·59	·59	·61	·63	·66	·61	·56	·56	·51	·49	·47	·46	·43	·42	·54	·600
3	·63	·64	·73	·79	·79	·78	·77	·79	·81	·80	·78	·79	·79	·71	·66	·59	·56	·52	·50	·46	·44	·46	·48	·56	·660
4	·65	·69	·73	·77	·77	·75	·81	·81	·76	·78	·80	·83	·86	·80	·65	·60	·53	·53	·47	·44	·42	·38	·58	·60	·667
5	·59	·67	·74	·75	·75	·77	·78	·74	·83	·84	·84	·84	·84	·81	·75	·74	·64	·54	·50	·48	·49	·55	·56	·58	·693
6	·61	·68	·79	·76	·82	·81	·81	·80	·81	·83	·85	·86	·86	·87	·85	·78	·73	·66	·60	·57	·52	·51	·51	·63	·730
7	·70	·72	·77	·78	·78	·83	·84	·84	·92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·91	·90	·93	·95	·90	·82	·74	·64	·62	·57	·54	·51	·51	·47	·46	·735
9	·56	·72	·76	·78	·80	·81	·83	·84	·80	·82	·83	·83	·82	·73	·64	·63	·56	·53	·51	·50	·45	·45	·43	·44	·670
10	·44	·47	·69	·67	·70	·71	·76	·80	·78	·75	·71	·69	·66	·64	·61	·59	·54	·50	·45	·43	·40	·40	·38	·38	·590
11	·39	·55	·62	·76	·75	·75	·75	·69	·70	·69	·67	·67	·67	·65	·62	·58	·53	·51	·50	·48	·46	·47	·46	·43	·598
12	·43	·58	·71	·74	·76	·74	·75	·79	·83	·81	·78	·71	·64	·65	·62	·56	·57	·58	·47	·45	·43	·40	·40	·44	·618
13	·43	·62	·75	·78	·73	·83	·83	·80	·83	·86	·88	·91	·93	·93	·81	·70	·65	·59	·55	·49	·43	·43	·42	·57	·698
14	·67	·70	·72	·76	·80	·81	·79	·78	·80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·81	·82	·81	·80	·76	·72	·66	·66	·60	·56	·53	·51	·55	·50	·50	·693
16	·54	·54	·62	·62	·68	·64	·79	·83	·78	·81	·83	·82	·80	·75	·73	·68	·61	·58	·53	·45	·46	·45	·44	·47	·614
17	·87	·88	·87	·87	·82	·80	·81	·80	·85	·86	·87	·84	·81	·79	·74	·66	·65	·62	·56	·52	·45	·48	·47	·50	·725
18	·51	·73	·76	·79	·76	·88	·86	·86	·80	·78	·75	·75	·75	·76	·73	·75	·62	·65	·56	·50	·51	·46	·46	·45	·685
19	·47	·52	·60	·84	·80	·80	·84	·90	·87	·81	·74	·77	·79	·82	·75	·69	·64	·61	·58	·53	·52	·46	·46	·41	·676
20	·45	·65	·67	·71	·74	·77	·79	·75	·69	·70	·70	·70	·69	·70	·73	·70	·66	·59	·54	·49	·47	·46	·63	·80	·658
21	·83	·86	·87	·87	·89	·91	·91	·96	·96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·94	·92	·91	·89	·84	·79	·76	·67	·61	·60	·58	·55	·52	·55	·57	·782
23	·62	·69	·79	·81	·80	·74	·77	·77	·74	·75	·76	·82	·87	·78	·75	·68	·61	·50	·52	·49	·47	·43	·37	·38	·667
24	·55	·66	·75	·76	·80	·80	·84	·82	·79	·81	·82	·77	·71	·69	·67	·64	·56	·54	·51	·47	·45	·43	·40	·41	·652
25	·48	·56	·74	·79	·81	·82	·82	·77	·83	·84	·84	·81	·77	·68	·67	·60	·56	·53	·52	·47	·43	·42	·40	·48	·652
26	·68	·69	·73	·76	·86	·74	·76	·77	·81	·83	·84	·86	·88	·86	·84	·68	·62	·54	·50	·48	·45	·44	·44	·44	·688
27	·57	·59	·70	·72	·71	·76	·80	·86	·83	·79	·75	·77	·79	·72	·70	·57	·56	·51	·49	·46	·42	·43	·44	·60	·648
28	·59	·66	·72	·74	·77	·79	·80	·84	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·81	·77	·78	·78	·77	·68	·59	·58	·54	·49	·47	·44	·40	·40	·61	·661
30	·66	·78	·78	·82	·81	·78	·76	·80	·72	·71	·69	·73	·77	·75	·69	·68	·59	·54	·48	·47	·45	·43	·46	·45	·658
31	·71	·81	·78	·79	·81	·81	·79	·80	·80	·80	·79	·80	·81	·74	·72	·65	·62	·53	·52	·48	·44	·44	·51	·64	·691
Means.	·677	·662	·733	·765	·776	·781	·798	·802	·795	·795	·789	·794	·793	·761	·711	·653	·601	·562	·519	·487	·461	·451	·460	·510	·668
TENSION OF THE ATMOSPHERIC VAPOUR.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. *	In.	In. *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
June 30	0·665	0·699	0·722	0·736	0·722	0·733	0·723	0·715	0·737	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July 1855. 1	—	—	—	—	—	—	—	—	—	0·817	0·698	0·700	0·903	0·616	0·760	0·756	0·739	0·745	0·717	0·731	0·727	0·721	0·697	0·748	0·755
2	·720	·858	·946	·918	·943	·941	·946	·905	·710	·706	·702	·712	·722	·731	·718	·733	·743	·735	·770	·758	·777	·777	·756	·778	·792
3	·831	·827	·896	·916	·916	·904	·887	·917	·934	·916	·898	·885	·872	·775	·744	·733	·741	·739	·746	·724	·731	·777	·799	·867	·832
4	·941	·910	·900	·908	·908	·896	·946	·926	·884	·902	·920	·917	·914	·865	·743	·738	·732	·778	·758	·766	·754	·734	·886	·891	·855
5	·881	·909	·920	·921	·915	·915	·911	·867	·911	·890	·870	·870	·870	·840	·851	·873	·833	·822	·798	·787	·820	·851	·871	·867	·869
6	·876	·915	·968	·951	·967	·959	·951	·889	·842	·838	·835	·839	·843	·854	·853	·839	·837	·843	·847	·855	·842	·859	·854	·934	·879
7	·948	·944	·929	·925	·925	·958	·938	·931	·984	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	·997	1·011	1·007	1·003	·931	·918	·924	·856	·871	·864	·850	·855	·858	·841	·809	·921
9	·803	·931	·966	·962	·949	·952	·967	·964	·895	·905	0·916	0·915	0·915	·780	·704	·720	·705	·704	·719	·737	·718	·716	·706	·702	·831
10	·707	·739	·867	·825	·841	·847	·885	·920	·865	·836	·807	·779	·752	·705	·709	·707	·694	·717	·693	·706	·689	·714	·691	·690	·766
11	·672	·780	·824	·934	·908	·910	·910	·838	·858	·826	·794	·770	·747	·720	·691	·756	·705	·722	·718	·726	·725	·794	·769	·736	·785
12	·692	·810	·891	·906	·908	·867	·877	·911	·954	·929	·904	·820	·736	·751	·741	·732	·741	·753	·705	·710	·720	·708	·721	·759	·802
13	·720	·854	·940	·921	·895	·892	·877	·861	·917	·929	·942	·950	·959	·957	·899	·832	·808	·781	·792	·737	·706	·726	·755	·832	·853
14	·832	·856	·890	·899	·924	·951	·920	·853	·825	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	·842	·859	·845	·832	·806	·778	·760	·790	·787	·772	·757	·721	·758	·719	·727	·821
16	·770	·764	·839	·802	·833	·775	·850	·868	·837	·857	·877	·851	·825	·785	·775	·775	·765	·773	·758	·716	·748	·745	·734	·750	·795
17	·906	·899	·909	·883	·838	·810	·819	·802	·847	·853	·859	·833	·807	·787	·745	·758	·770	·745	·717	·724	·717	·763	·750	·771	·805
18	·767	·891	·907	·884	·794	·887	·914	·899	·832	·801	·771	·764	·757	·752	·769	·840	·776	·898	·802	·783	·806	·764	·767	·748	·816
19	·753	·810	·828	·870	·830	·832	·872	·934	·903	·833	·763	·775	·787	·811	·789	·795	·777	·793	·779	·762	·793	·763	·766	·741	·807
20	·773	·942	·910	·877	·902	·908	·901	·842	·779	·772	·765	·755	·746	·746	·758	·764	·778	·769	·761	·751	·759	·769	·900	·904	·814
21	·929	·945	·922	·900	·914	·843	·864	·849	·855	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	·870	·885	·880	·875	·825	·823	·840	·822	·793	·805	·818	·798	·769	·815	·848	·854
23	·900	·936	·990	·973	·950	·869	·848	·825	·792	·794	·797	·839	·881	·775	·784	·786	·765	·782	·752	·770	·756	·718	·647	·667	·817
24	·851	·934	·938	·928	·949	·925	·944	·921	·887	·893	·900	·831	·762	·715	·723	·775	·741	·735	·713	·706	·718	·712	·679	·676	·815
25	·766	·808	·959	·951	·952	·957	·948	·901	·949	·955	·962	·905	·848	·740	·742	·733	·736	·732	·739	·727	·707	·729	·721	·750	·830
26	·884	·881	·895	·906	·968	·820	·838	·831	·863	·866	·870	·878	·887	·870	·878	·777	·776	·742	·737	·746	·747	·759	·766	·764	·831
27	·863	·844	·888	·883	·880	·906	·922	·936	·929	·873	·817	·820	·823	·753	·769	·717	·749	·719	·737	·736	·716	·763	·825	·890	·823
28	·843	·874	·915	·931	·940	·939	·947	·970	·962	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	·899	·836	·830	·825	·794	·759	·734	·770	·767	·766	·756	·754	·727	·768	·870	·841
30	·888	·959	·949	·976	·957	·944	·912	·936	·840	·817	·794	·820	·846	·820	·771	·803	·783	·761	·765	·755	·760	·735	·763	·737	·837
31	·920	·946	·910	·917	·926	·924	·885	·891	·879	·853	·828	·838	·848	·785	·783	·767	·810	·738	·768	·754	·736	·766	·830	·909	·842
Means.	·819	·869	·904	·904	·902	·891	·896	·885	·869	·862	·855	·845	·836	·796	·777	·777	·768	·768	·759	·754	·752	·759	·770	·791	·825

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. AUGUST 1855.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41.	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·62	0·67	0·74	0·74	0·78	0·80	0·91	0·92	0·91	0·91	0·90	0·91	0·92	0·91	0·90	0·80	0·69	0·64	0·59	0·54	0·48	0·45	0·45	0·53	0·738
2	·60	·75	·73	·75	·84	·88	·91	·91	·92	·92	·92	·94	·95	·86	·75	·72	·66	·60	·56	·49	·49	·45	·39	·40	·725
3	·45	·63	·72	·72	·77	·75	·77	·76	·80	·83	·85	·81	·76	·76	·70	·66	·55	·55	·49	·43	·41	·41	·37	·51	·645
4	·61	·65	·67	·75	·80	·76	·76	·79	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·77	·69	·70	·70	·68	·66	·60	·61	·51	·49	·44	·50	·58	·55	·57	·653
6	·61	·64	·66	·68	·68	·72	·80	·72	·77	·78	·78	·77	·76	·70	·65	·59	·51	·49	·45	·48	·48	·52	·43	·41	·628
7	·38	·61	·63	·73	·69	·67	·65	·69	·72	·74	·75	·76	·76	·71	·65	·57	·54	·47	·49	·48	·50	·49	·54	·52	·616
8	·59	·68	·71	·68	·69	·76	·70	·70	·73	·77	·80	·78	·76	·76	·75	·63	·54	·53	·48	·44	·48	·46	·56	·63	·650
9	·61	·63	·70	·74	·70	·70	·70	·73	·73	·75	·77	·75	·73	·78	·79	·66	·61	·54	·50	·52	·55	·56	·57	·58	·663
10	·62	·64	·69	·75	·77	·78	·81	·82	·83	·81	·78	·79	·79	·79	·72	·69	·61	·56	·51	·50	·49	·59	·62	·62	·691
11	·66	·74	·77	·78	·78	·78	·81	·81	·82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·85	·88	·86	·84	·82	·77	·74	·65	·63	·68	·64	·70	·72	·73	·71	·757
13	·74	·75	·80	·82	·81	·80	·84	·80	·78	·78	·78	·79	·80	·82	·84	·84	·75	·65	·56	·49	·46	·55	·64	·69	·733
14	·71	·69	·74	·87	·85	·84	·88	·86	·84	·86	·87	·86	·85	·83	·81	·79	·71	·69	·60	·57	·54	·58	·63	·64	·755
15	·74	·75	·76	·78	·79	·85	·82	·82	·84	·84	·84	·84	·84	·84	·83	·77	·76	·75	·69	·56	·53	·75	·76	·72	·770
16	·78	·79	·83	·86	·86	·88	·89	·88	·87	·85	·83	·86	·88	·85	·84	·77	·74	·67	·59	·57	·50	·54	·56	·62	·763
17	·66	·69	·77	·81	·83	·81	·83	·82	·81	·81	·87	·88	·89	·86	·84	·72	·70	·64	·58	·63	·60	·65	·66	·68	·753
18	·67	·75	·80	·81	·75	·77	·84	·84	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·84	·83	·81	·78	·74	·68	·60	·59	·53	·43	·43	·41	·54	·52	·60	·683
20	·61	·63	·67	·66	·66	·73	·73	·73	·75	·80	·85	·87	·88	·87	·80	·66	·58	·56	·51	·50	·47	·45	·44	·41	·660
21	·51	·53	·54	·55	·58	·58	·62	·67	·87	·87	·86	·82	·77	·73	·69	·66	·69	·58	·54	·46	·48	·47	·46	·45	·624
22	·49	·51	·67	·72	·75	·70	·70	·78	·74	·73	·72	·75	·78	·76	·73	·65	·58	·51	·47	·41	·41	·38	·39	·36	·612
23	·49	·65	·75	·75	·75	·90	·86	·84	·76	·81	·85	·87	·88	·77	·69	·64	·61	·56	·51	·51	·50	·58	·69	·82	·710
24	·80	·83	·87	·87	·88	·84	·79	·76	·82	·83	·84	·83	·82	·83	·81	·74	·64	·59	·53	·49	·44	·43	·54	·53	·723
25	·71	·73	·77	·88	·91	·88	·88	·86	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·77	·70	·72	·74	·67	·64	·61	·56	·48	·47	·45	·41	·42	·44	·43	·665
27	·46	·50	·53	·50	·87	·86	·87	·89	·89	·90	·90	·90	·89	·84	·82	·77	·72	·65	·59	·54	·55	·49	·48	·51	·705
28	·56	·59	·65	·68	·70	·76	·78	·80	·79	·79	·78	·77	·76	·71	·71	·63	·55	·50	·47	·45	·43	·42	·42	·36	·628
29	·41	·42	·64	·68	·71	·77	·80	·82	·82	·83	·84	·82	·80	·75	·72	·63	·54	·52	·49	·43	·42	·41	·56	·65	·645
30	·75	·75	·78	·80	·82	·82	·83	·83	·84	·86	·87	·84	·80	·77	·74	·63	·56	·47	·44	·41	·39	·38	·41	·64	·685
31	·68	·73	·69	·69	·71	·72	·76	·72	·72	·76	·77	·77	·76	·68	·62	·58	·60	·49	·41	·37	·46	·53	·55	·64	·642
Means.	·612	·665	·716	·743	·768	·782	·798	·799	·811	·818	·819	·817	·811	·781	·746	·680	·624	·569	·523	·490	·484	·511	·532	·565	.686

TENSION OF THE ATMOSPHERIC VAPOUR. AUGUST 1855.

	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. *	In.	In. *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·881	0·888	0·936	0·870	0·919	0·920	0·951	0·913	0·976	0·946	0·916	0·923	0·930	0·933	0·912	0·920	0·857	0·858	0·811	0·784	0·746	0·745	0·767	0·881	0·883
2	·849	·964	·916	·925	·921	·911	·920	·920	·928	·933	·939	·935	·931	·855	·817	·836	·789	·785	·772	·740	·768	·721	·674	·683	·851
3	·794	·897	·917	·872	·818	·817	·850	·847	·897	·920	·943	·881	·819	·819	·771	·778	·702	·738	·721	·658	·682	·706	·671	·720	·802
4	·836	·842	·816	·858	·856	·819	·819	·828	·849	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	·802	·756	·753	·751	·713	·740	·728	·792	·727	·755	·704	·765	·832	·796	·800	·789
6	·826	·833	·836	·845	·845	·856	·891	·826	·848	·842	·837	·821	·805	·737	·729	·707	·669	·691	·706	·790	·646	·853	·751	·708	·796
7	·655	·855	·903	·891	·845	·813	·756	·777	·806	·797	·789	·794	·799	·751	·737	·735	·730	·698	·748	·760	·768	·725	·760	·797	·779
8	·866	·914	·887	·827	·832	·907	·803	·799	·808	·826	·845	·824	·804	·793	·828	·773	·722	·752	·721	·709	·788	·767	·826	·894	·813
9	·866	·859	·886	·897	·857	·858	·828	·837	·837	·846	·855	·817	·780	·820	·857	·817	·836	·771	·759	·837	·854	·848	·859	·876	·840
10	·899	·886	·891	·918	·930	·928	·951	·948	·960	·912	·864	·655	·847	·823	·819	·844	·814	·800	·795	·846	·827	·916	·924	·916	·880
11	·947	·988	·947	·941	·921	·908	·926	·925	·928	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	·935	·942	·922	·902	·873	·879	·894	·841	·796	·875	·879	·878	·883	·916	·894	·906
13	·908	·892	·925	.932	·928	·917	·931	·861	·827	·805	·783	·783	·783	·811	·844	·878	·843	·839	·800	·703	·764	·854	·908	·922	·854
14	·915	·900	·808	·874	·853	·842	·868	·851	·830	·842	·855	·844	·833	·794	·783	·800	·763	·809	·789	·812	·799	·829	·853	·862	·835
15	·931	·902	·883	·876	·887	·921	·888	·879	·870	·871	·872	·867	·862	·871	·893	·880	·867	·867	903	·830	·804	·972	·937	·895	·884
16	·881	·892	·904	·896	·906	·911	·908	·911	·909	·888	·868	·877	·887	·819	·836	·842	·858	·856	·822	·818	·769	·848	·843	·884	·868
17	·922	·913	·938	·957	·896	·886	·896	·882	·869	·869	·869	·872	·875	·844	·851	·856	·874	·847	·835	·899	·889	·907	·892	·915	·886
18	·908	·950	·949	·959	·848	·850	·878	·872	·872	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	·885	·898	·861	·824	·785	·739	·709	·720	·703	·644	·661	·662	·832	·781	·848	·818
20	·828	·815	·824	·802	·811	·837	·838	·838	·842	·884	·927	·925	·924	·900	·859	·758	·708	·719	·691	·699	·705	·693	·685	·673	·799
21	·751	·727	·712	·701	·725	·725	·769	·787	·903	·907	·911	·864	·818	·782	·756	·760	·769	·715	·720	·684	·693	·701	·690	·678	·760
22	·722	·749	·835	·863	·897	·856	·828	·851	·813	·793	·773	·791	·810	·787	·780	·770	·754	·700	·671	·657	·669	·626	·663	·647	·763
23	·791	·890	·941	·934	·919	·917	·890	·870	·791	·825	·860	·871	·883	·801	·759	·775	·778	·744	·752	·763	·773	·838	·863	·933	·840
24	·897	·905	·933	·949	·942	·870	·828	·821	·836	·833	·831	·824	·818	·821	·808	·800	·777	·770	·741	·735	·717	·734	·833	·818	·827
25	·934	·920	·908	·911	·935	·884	·882	·871	·844	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	·816	·789	·805	·821	·750	·709	·720	·703	·656	·675	·674	·640	·664	·687	·670	·786
27	·698	·707	·720	·683	·825	·824	·826	·845	·844	·853	·863	·860	·858	·803	·797	·789	·778	·772	·754	·740	·783	·715	·698	·720	·781
28	·773	·784	·793	·811	·784	·791	·799	·802	·795	·789	·784	·774	·764	·720	·751	·722	·678	·664	·668	·660	·667	·669	·703	·599	·739
29	·664	·644	·864	·849	·854	·891	·909	·916	·888	·879	·870	·851	·832	·785	·778	·748	·684	·701	·717	·688	·674	·684	·779	·850	·792
30	·928	·919	·915	·920	·926	·925	·929	·922	·924	·909	·894	·870	·846	·769	·754	·720	·693	·633	·634	·632	·630	·647	·685	·907	·814
31	·916	·920	·817	·818	·825	·839	·847	·825	·829	·832	·835	·813	·791	·728	·695	·705	·791	·673	·620	·579	·675	·772	·810	·888	·785
Means.	·845	·865	·874	·873	·871	·868	·867	·862	·864	·861	·858	·847	·837	·803	·797	·785	·770	·751	·744	·741	·749	·777	·787	·809	·821

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. SEPTEMBER 1855.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·69	0·72	0·74	0·76	0·77	0·76	0·78	0·76	0·79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·80	0·81	0·84	0·87	0·85	0·78	0·74	0·60	·050	0·46	0·43	0·43	·040	0·52	0·58	0·683
3	·57	·69	·77	·81	·79	·77	·77	·73	·70	·73	·76	·81	·85	·85	·80	·72	·64	·59	·54	·52	·62	·58	·63	·63	·703
4	·71	·74	·75	·75	·77	·80	·80	·83	·86	·85	·84	·87	·89	·83	·80	·70	·66	·55	·50	·46	·44	·44	·52	·64	·708
5	·79	·76	·73	·78	·78	·77	·79	·81	·80	·82	·84	·83	·82	·83	·70	·63	·58	·54	·51	·49	·47	·45	·59	·59	·696
6	·63	·70	·74	·73	·83	·77	·78	·79	·80	·80	·80	·82	·84	·82	·83	·77	·59	·52	·47	·43	·40	·36	·52	·60	·681
7	·66	·73	·77	·80	·79	·77	·78	·79	·82	·83	·84	·84	·84	·82	·82	·67	·54	·49	·44	·41	·41	·58	·59	·62	·694
8	·66	·69	·76	·78	·79	·84	·80	·81	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·88	·92	·94	·96	·89	·88	·82	·72	·66	·64	·62	·62	·64	·66	·70	·772
10	·74	·81	·84	·84	·88	·90	·90	·93	·87	·88	·88	·86	·83	·84	·84	·83	·82	·73	·70	·68	·65	·62	·66	·67	·800
11	·69	·75	·76	·78	·79	·86	·90	·90	·88	·90	·91	·91	·90	90	·80	·76	·70	·65	·58	·58	·51	·49	·52	·58	·750
12	·65	·68	·74	·78	·81	·83	·83	·83	·82	·85	·88	·93	·98	·88	·77	·73	·65	·61	·53	·51	·51	·63	·69	·68	·743
13	·70	·66	·77	·80	·80	·83	·86	·88	·84	·84	·84	·91	·98	·87	·89	·83	·76	·79	·70	·66	·66	·61	·58	·72	·783
14	·75	·80	·83	·86	·88	·88	·91	·92	·92	·90	·88	·88	·88	·84	·86	·81	·78	·70	·63	·61	·63	·60	·61	·60	·790
15	·62	·72	·69	·74	·73	·77	·76	·76	·79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·83	·87	·88	·88	·88	·75	·65	·61	·57	·54	·50	·57	·56	·59	·63	·704
17	·66	·74	·78	·76	·78	·72	·81	·84	·82	·85	·88	·87	·86	·85	·88	·82	·75	·62	·59	·53	·64	·63	·61	·66	·748
18	·68	·68	·75	·80	·86	·90	·90	·90	·83	·84	·84	·86	·88	·86	·86	·75	·62	·55	·53	·57	·57	·55	·56	·60	·739
19	·66	·72	·73	·74	·78	·80	·80	·81	·80	·82	·83	·84	·84	·86	·85	·73	·68	·59	·55	·52	·55	·52	·59	·60	·717
20	·59	·65	·74	·77	·78	·81	·81	·80	·82	·81	·79	·82	·84	·81	·79	·70	·64	·62	·56	·55	·56	·58	·61	·66	·713
21	·65	·71	·76	·80	·79	·84	·89	·84	·86	·88	·90	·89	·88	·90	·87	·77	·69	·62	·61	·60	·57	·58	·62	·63	·756
22	·67	·72	·79	·78	·79	·77	·80	·80	·79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·84	·88	·88	·88	·92	·91	·81	·73	·68	·61	·65	·66	·67	·66	·65	·764
24	·73	·81	·84	·84	·84	·86	·86	·87	·91	·94	·96	·95	·93	·94	·96	·91	·81	·77	·74	·72	·71	·71	·81	·81	·843
25	·80	·81	·89	·92	·92	·88	·92	·93	·91	·93	·95	·93	·91	·91	·91	·94	·89	·77	·76	·78	·77	·76	·76	·77	·863
26	·81	·84	·88	·90	·94	·96	·96	·96	·96	·97	·98	·97	·96	·96	·92	·88	·81	·74	·68	·70	·72	·70	·71	·70	·859
27	·75	·77	·82	·84	·86	·88	·92	·93	·92	·94	·96	·95	·94	·94	·93	·88	·77	·72	·65	·71	·69	·65	·65	·69	·823
28	·73	·80	·82	·83	·85	·88	·90	·90	·86	·86	·85	·84	·83	·89	·87	·87	·78	·73	·70	·69	·67	·67	·70	·75	·803
29	·77	·82	·82	·84	·86	·88	·86	·87	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·86	·84	·86	·87	·81	·81	·79	·77	·76	·70	·64	·66	·65	·67	·66	·790
Means.	·694	·741	·780	·801	·818	·829	·844	·848	·844	·858	·869	·879	·886	·870	·843	·780	·704	·643	·598	·582	·588	·585	·625	·657	·757

TENSION OF THE ATMOSPHERIC VAPOUR. SEPTEMBER 1855.

Day	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. *	In.	In. *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·906	0·907	0·897	0·906	0·913	0·891	0·890	0·876	0·856	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·674	0·862	0·886	0·910	0·873	0·839	0·815	0·774	0·693	0·678	0·666	0·704	0·696	0·812	0·819	0·835
3	·831	·906	·946	·957	·936	·916	·908	·838	·771	·781	·792	·814	·836	·861	·830	·855	·819	·802	·795	·807	·885	·855	·908	·881	·855
4	·902	·897	·882	·873	·895	·920	·922	·930	·936	·926	·917	·923	·929	·854	·830	·771	·784	·717	·711	·676	·718	·716	·791	·878	·846
5	·959	·900	·814	·860	·855	·848	·873	·877	·859	·864	·870	·867	·865	·875	·771	·747	·736	·729	·714	·726	·720	·718	·812	·827	·820
6	·831	·859	·874	·853	·896	·848	·852	·858	·859	·860	·861	·854	·847	·824	·840	·850	·731	·694	·674	·663	·642	·629	·770	·833	·804
7	·850	·873	·889	·895	·897	·874	·875	·881	·897	·883	·870	·863	·856	·847	·864	·817	·690	·708	·683	·664	·703	·831	·836	·853	·829
8	·861	·854	·879	·908	·911	·946	·914	·916	·842	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·882	·922	·913	·904	·852	·850	·864	·879	·869	·887	·884	·857	·875	·869	·908	·886
10	·929	·945	·938	·939	·945	·970	·962	·978	·940	·925	·911	·835	·760	·758	·784	·814	·830	·853	·838	·848	·864	·826	·874	·884	·881
11	·882	·894	·894	·892	·883	·927	·947	·944	·911	·931	·951	·948	·945	·941	·803	·819	·806	·779	·739	·770	·749	·728	·779	·808	·861
12	·841	·850	·875	·915	·928	·931	·923	·898	·865	·874	·884	·914	·945	·884	·794	·810	·808	·811	·808	·779	·787	·897	·894	·882	·867
13	·882	·827	·906	·920	·912	·934	·961	·974	·939	·920	·902	·864	·826	·762	·776	·787	·820	·883	·843	·836	·853	·845	·823	·891	·870
14	·897	·920	·926	·935	·942	·956	·977	·975	·965	·939	·913	·897	·862	·844	·864	·893	·917	·884	·863	·857	·865	·827	·845	·862	·902
15	·878	·924	·854	·861	·839	·848	·838	·820	·828	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·854	·880	·884	·889	·871	·775	·715	·739	·747	·765	·770	·818	·793	·811	·816	·826
17	·842	·877	·897	·819	·825	·793	·867	·908	·865	·873	·882	·866	·851	·848	·882	·879	·870	·797	·811	·778	·846	·827	·825	·854	·850
18	·850	·800	·848	·884	·930	·948	·940	·935	·905	·903	·902	·903	·905	·876	·905	·870	·802	·768	·756	·806	·788	·773	·791	·816	·859
19	·854	·855	·847	·840	·868	·879	·869	·868	·859	·875	·892	·881	·870	·876	·903	·847	·845	·787	·794	·778	·794	·788	·814	·815	·846
20	·800	·804	·867	·891	·891	·901	·892	·897	·909	·901	·893	·882	·872	·833	·836	·797	·804	·825	·801	·820	·853	·857	·878	·881	·858
21	·872	·879	·911	·922	·907	·931	·954	·905	·912	·911	·911	·911	·911	·937	·940	·908	·897	·853	·876	·874	·845	·842	·853	·863	·897
22	·857	·882	·913	·909	·907	·904	·910	·905	·891	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·916	·942	·942	·942	·895	·903	·856	·865	·877	·820	·872	·876	·904	·875	·840	·893
24	·900	·935	·935	·936	·932	·937	·933	·956	·850	·841	·833	·810	·768	·768	·847	·864	·833	·850	·869	·878	·907	·915	·959	·930	·884
25	·889	·875	·911	·925	·922	·889	·894	·887	·879	·876	·873	·854	·836	·855	·865	·898	·899	·880	·906	·936	·948	·950	·925	·908	·895
26	·930	·920	·921	·928	·924	·939	·927	·914	·904	·902	·900	·887	·875	·875	·895	·912	·924	·891	·875	·904	·930	·909	·919	·883	·908
27	·897	·878	·900	·904	·914	·927	·950	·938	·922	·927	·933	·915	·898	·899	·911	·937	·908	·905	·866	·942	·919	·858	·868	·896	·909
28	·900	·944	·932	·930	·937	·948	·969	·962	·920	·897	·875	·845	·816	·853	·861	·875	·868	·895	·884	·906	·851	·867	·889	·925	·898
29	·928	·936	·918	·920	·927	·951	·946	·940	·937	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·881	·825	·822	·819	·767	·783	·828	·848	·870	·856	·811	·852	·806	·861	·842	·872
Means.	·879	·886	·895	·901	·905	·910	·917	·911	·890	·889	·888	·879	·871	·853	·846	·844	·828	·815	·804	·810	·823	·824	·852	·865	·866

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. OCTOBER 1855.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4. 41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41 *	h. m. 14.41	h. m. 15.41 *	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·74	0·80	0·83	0·83	0·84	0·87	0·88	0·86	0·88	0·90	0·92	0·90	0·87	0·87	0·84	0·79	0·67	0·62	0·56	0·54	0·50	0·52	0·60	0·71	0·764
2	·85	·90	·86	·88	·85	·94	·87	·91	·98	·94	·92	·93	·93	·92	·86	·82	·77	·73	·67	·67	·68	·65	·69	·75	·831
3	·77	·81	·87	·83	·83	·87	·86	·96	·98	·91	·94	·95	·95	·92	·90	·84	·82	·73	·65	·62	·63	·69	·74	·72	·821
4	·76	·84	·86	·86	·87	·90	·90	·88	·90	·89	·88	·90	·91	·92	·94	·95	·88	·85	·88	·87	·79	·77	·77	·79	·865
5	·82	·83	·92	·92	·92	·94	·95	·96	·96	·97	·98	·97	·96	·96	·98	·97	·92	·85	·78	·70	·71	·72	·71	·74	·883
6	·82	·84	·84	·88	·91	·85	·88	·90	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·92	·93	·96	·98	·93	·92	·95	·95	·93	·94	·95	·91	·89	·89	·84	·904
8	·85	·89	·91	·91	·90	·90	·93	·95	·96	·97	·97	·97	·98	·93	·91	·83	·80	·77	·77	·79	·80	·79	81	·79	·878
9	·83	·84	·88	·88	·88	·88	·86	·87	·85	·88	·90	·91	·92	·94	·92	·84	·80	·82	·88	·84	·88	·80	·82	·82	·864
10	·87	·88	·91	·89	·89	·90	·90	·88	·83	·86	·88	·93	·97	·96	·95	·91	·84	·84	·87	·90	·88	·84	·86	·85	·887
11	·85	·89	·93	·96	·95	·94	·94	·94	·96	·97	·98	·98	·97	·99	·96	·96	·91	·67	·83	·80	·78	·76	·77	·82	·905
12	·81	·86	·88	·90	·93	·92	·94	·91	·95	·96	·96	·97	·97	·98	·96	·95	·89	·88	·81	·80	·80	·80	·77	·78	·891
13	·82	·86	·91	·92	·94	·94	·94	·87	·91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·91	·91	·95	·98	·98	·97	·88	·84	·80	·76	·76	·77	·76	·79	·80	·876
15	·82	·87	·89	·89	·91	·92	·91	·91	·96	·96	·96	·98	·99	·96	·98	·91	·84	·82	·79	·79	·79	·77	·78	·77	·882
16	·77	·80	·84	·87	·88	·92	·94	·96	·96	·95	·94	·95	·96	·96	·97	·92	·82	·76	·76	·72	·73	·73	·72	·74	·857
17	·76	·80	·87	·86	·83	·83	·83	·88	·88	91	·93	·94	·94	·95	·93	·89	·87	·80	·77	·72	·70	·81	·85	·83	·849
18	·85	·88	·89	·91	·91	·94	·93	·93	·94	·95	·96	·97	·97	·98	·95	·95	·89	·88	·83	·78	·76	·77	·74	·84	·892
19	·92	·96	·93	·98	·95	·98	·96	·95	·94	·95	·96	·97	·98	·96	·96	·95	·94	·82	·76	·72	·74	·78	·75	·75	·898
20	·78	·83	·86	·86	·86	·84	·84	·84	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·88	·90	·94	·97	·96	·91	·89	·84	·84	·62	·76	·79	·86	·67	·88	·862
22	·88	·90	·91	·91	·90	·89	·93	·98	·87	·91	·95	·94	·93	·90	·91	·86	·80	·73	·76	·73	·74	·79	·84	·87	·868
23	·93	·95	·95	·95	·95	·93	·93	·96	·97	·98	·98	·97	·95	·92	·94	·88	·86	·84	·78	·76	·78	·75	·80	·80	·896
24	·84	·90	·91	·94	·94	·89	·92	·96	·96	·97	·97	·97	·96	·96	·94	·88	·86	·81	·81	·76	·83	·81	·77	75	·888
25	·78	·84	·87	·91	·92	·89	·92	·93	·98	·96	·96	·96	·96	·96	·92	·93	·92	·90	·87	·84	·82	·83	·75	·76	·890
26	·80	·88	·80	·92	·93	·95	·96	·92	·90	·90	·90	·90	·90	·91	·90	·67	·86	·76	·68	·69	·70	·77	·79	·78	·853
27	·95	·91	·92	·96	·97	·87	·92	·96	·97	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·95	·93	·94	·94	·94	·93	·87	·84	·80	·75	·73	·69	·62	·57	·58	·855
29	·63	·70	·84	·85	·89	·88	·90	·93	·93	·93	·92	·93	·94	·95	·92	·87	·81	·68	·60	·56	·51	·52	·51	·54	·781
30	·60	·66	·73	·81	·89	·91	·91	·91	·93	·94	·94	·94	·93	·93	·92	·86	·79	·76	·71	·65	·59	·63	·70	·64	·803
31	·65	·73	·76	·81	·85	·85	·86	·88	·89	·89	·89	·90	·91	·91	·88	·80	·70	·60	·67	·54	·56	·55	·58	·60	·761
Means.	·806	·849	·876	·892	·900	·901	·908	·918	·920	·930	·936	·945	·947	·942	·929	·890	·842	·796	·770	·740	·736	·740	·750	·761	·859

TENSION OF THE ATMOSPHERIC VAPOUR. OCTOBER 1855.

	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. *	In.	In. *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·881	0·927	0·929	0·930	0·898	0·910	0·907	0·883	0·913	0·917	0·922	0·938	0·855	0·853	0·971	0·875	0·798	0·810	0·800	0·890	0·796	0·798	0·846	0·904	0·872
2	·852	·901	·921	·937	·743	·793	·799	·828	·870	·854	·839	·849	·859	·853	·824	·859	·880	·895	·873	·898	·923	·930	·942	·900	·868
3	·934	·966	·968	·926	·904	·940	·924	1·032	·942	·950	·958	·911	·931	·900	·904	·908	·951	·927	·896	·884	·900	·954	·990	·946	·937
4	·980	·995	·984	·967	·971	·972	·951	0·944	·950	·927	·905	·923	·941	·931	·942	·956	·913	·869	·852	·897	·887	·916	·940	·948	·937
5	·956	·942	·944	·922	·922	·927	·912	·906	·895	·899	·904	·890	·877	·877	·912	·942	·922	·934	·890	·859	·886	900	·862	·803	·904
6	·854	·866	·869	·889	·914	·857	·876	·881	·867	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	·818	·770	·777	·784	·773	·762	·771	·771	·773	·809	·812	·811	·833	·822	·803	·823
8	·813	·833	·833	·818	·808	·801	·815	·815	·821	·822	·824	·820	·817	·816	·809	·827	·861	·880	·902	·935	·949	·948	·946	·916	·851
9	·922	·902	·922	·911	·911	·919	·905	·903	·873	·867	·862	·872	·892	·892	·904	·915	·921	·938	·912	·842	·833	·897	·945	·963	·901
10	·963	·936	·935	·911	·905	·910	·907	·889	·821	·826	·831	·846	·862	·855	·853	·864	·872	·885	·909	·941	·913	·905	·929	·934	·892
11	·910	·912	·902	·904	·896	·901	·898	·896	·877	·876	·875	·855	·836	·824	·814	·822	·837	·853	·892	·889	·887	·837	·892	·894	·874
12	·862	·868	·863	·859	·885	·878	·889	·878	·867	·871	·875	·876	·878	·866	·883	·896	·908	·932	·926	·920	·920	·914	·884	·902	·888
13	·919	·921	·902	·899	·895	·898	·895	·841	·864	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	·852	·841	·846	·852	·848	·862	·856	·872	·889	·902	·931	·940	·938	·951	·936	·890
15	·916	·933	·918	·899	·903	·904	·900	·897	·918	·923	·929	·921	·913	·876	·933	·951	·937	·951	·964	·978	·976	·956	·956	·935	·929
16	·895	·890	·902	·909	·913	·916	·921	·927	·935	·920	·906	·908	·910	·904	·930	·959	·949	·923	·936	·935	·943	·927	·924	·929	·921
17	·919	·921	·940	·920	·899	·892	·892	·882	·896	·907	·919	·924	·930	·923	·904	·865	·909	·897	·902	·889	·909	·926	·919	·868	·907
18	·898	·919	·887	·892	·892	·910	·901	·897	·901	·850	·799	·797	·796	·804	·808	·839	·833	·818	·820	·828	·836	·848	·834	·914	·855
19	·884	·903	·890	·870	·840	·860	·856	·826	·833	·827	·822	·824	·826	·833	·843	·854	·904	·895	·902	·858	·873	·911	·872	·867	·861
20	·858	·868	·881	·877	·874	·858	·854	·842	·852	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	·869	·887	·855	·823	·821	·832	·830	·856	·870	·897	·902	·938	·960	·940	·942	·874
22	·940	·937	·923	·920	·916	·897	·891	·939	·805	·825	·845	·836	·827	·807	·830	·823	·824	·838	·871	·865	·899	·940	·933	·771	·871
23	·777	·812	·812	·816	·818	·804	·801	·817	·821	·831	·842	·832	·823	·813	·836	·842	·876	·900	·916	·902	·904	·833	·882	·866	·841
24	·870	·907	·870	·904	·892	·838	·853	·831	·835	·837	·839	·847	·855	·861	·878	·884	·911	·901	·926	·917	·948	·932	·917	·888	·891
25	·898	·902	·907	·914	·907	·885	·893	·904	·935	·934	·933	·934	·935	·916	·914	·919	·922	·942	·940	·947	·930	·991	·934	·938	·924
26	·936	·942	·930	·947	·931	·937	·939	·894	·862	·844	·827	·827	·827	·831	·838	·861	·923	·875	·842	·875	·907	·940	·954	·943	·893
27	·993	·952	·953	·964	·956	·861	·783	·817	·811	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	·808	·806	·806	·806	·809	·810	·825	·842	·859	·877	·865	·854	·721	·683	·667	·839
29	·689	·716	·798	·773	·772	·737	·735	·740	·731	·727	·724	·733	·743	·746	·769	·800	·807	·740	·709	·691	·646	·661	·641	·666	·729
30	·702	·704	·739	·783	·806	·788	·783	·781	·767	·767	·768	·767	·746	·742	·769	·821	·824	·846	·831	·779	·716	·749	·797	·745	·771
31	·723	·762	·767	·789	·805	·801	·801	·774	·788	·785	·783	·779	·775	·773	·773	·760	·703	·644	·709	·576	·624	·609	·633	·629	·732
Means.	·879	·890	·892	·890	·881	·874	·870	·869	·861	·857	·853	·851	·848	·842	·852	·865	·871	·870	·876	·868	·872	·877	881	·867	·869

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

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HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

HUMIDITY OF THE AIR. NOVEMBER 1855.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41	
1	0·62	0·66	0·69	0·70	0·72	0·76	0·74	0·78	0·78	0·75	0·71	0·68	0·65	0·67	0·70	0·65	0.65	0·65	0·63	0·61	0·54	0·56	0·56	0·58	0·668
2	·73	·83	·83	·87	·85	·82	·82	·78	·79	·79	·78	·77	·76	·77	·72	·58	·55	·49	·45	·45	·45	·42	·43	·52	·677
3	·60	·63	·62	·62	·67	·68	·67	·69	·70	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·78	·86	·88	·90	·89	·90	·87	·81	·78	·76	·80	·77	·78	·73	·78	·757
5	·81	·86	·88	·88	·89	·91	·95	·96	·89	·90	·91	·94	·96	·96	·95	·87	·86	·78	·78	·78	·77	·78	·74	·77	·866
6	·79	·80	·82	·84	·83	·83	·85	·85	·87	·90	·93	·93	·93	·93	·94	·85	·80	·76	·76	·71	·77	·74	·71	·71	·827
7	·74	·78	·80	·81	·81	·83	·86	·89	·88	·90	·91	·92	·93	·92	·93	·90	·83	·80	·72	·71	·69	·70	·71	·81	·824
8	·84	·82	·84	·83	·90	·91	·92	·92	·97	·97	·96	·94	·91	·93	·94	·86	·83	·80	·83	·82	·83	·77	·79	·80	·872
9	·85	·91	·90	·92	·93	·93	·91	·89	·88	·89	·90	·92	·93	·96	·95	·92	·89	·78	·75	·73	·73	·69	·67	·70	·855
10	·75	·76	·78	·81	·81	·83	·83	·89	·91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·87	·82	·85	·87	·89	·81	·78	·66	·63	·57	·61	·62	·66	·65	·63	·762
12	·64	·71	·75	·74	·72	·77	·82	·82	·92	·93	·93	·92	·91	·93	·85	·78	·77	·67	·67	·67	·67	·65	·67	·67	·774
13	·74	·71	·73	·70	·72	·74	·74	·73	·74	·75	·75	·81	·87	·91	·86	·82	·68	·69	·65	·65	·66	·63	·64	·70	·734
14	·71	·68	·68	·69	·70	·73	·71	·73	·87	·91	·95	·96	·97	·94	·89	·82	·74	·62	·62	·59	·60	·60	·61	·62	·748
15	·66	·66	·68	·70	·69	·70	·70	·71	·79	·85	·91	·91	·91	·91	·89	·82	·69	·62	·54	·57	·58	·58	·59	·62	·720
16	·65	·66	·64	·69	·73	·78	·76	·79	·82	·86	·89	·90	·90	·92	·87	·80	·67	·64	·63	·60	·59	·59	·62	·63	·735
17	·63	·64	·68	·66	·69	·69	·72	·86	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·91	·93	·91	·88	·90	·86	·83	·80	·73	·68	·73	·65	·64	·67	·67	·760
19	·76	·74	·73	·71	·73	·74	·75	·80	·89	·92	·95	·93	·91	·92	·86	·77	·67	·59	·56	·56	·60	·54	·54	·55	·738
20	·57	·59	·64	·67	·64	·66	·60	·71	·66	·68	·70	·71	·71	·73	·72	·60	·61	·57	·55	·57	·59	·58	·63	·64	·639
21	·68	·66	·67	·65	·68	·71	·76	·83	·86	·86	·86	·87	·88	·88	·86	·82	·68	·61	·61	·58	·61	·63	·63	·66	·731
22	·64	·65	·65	·65	·65	·65	·71	·71	·70	·70	·70	·79	·88	·88	·90	·79	·67	·62	·64	·63	·64	·68	·67	·68	·703
23	·71	·71	·69	·66	·68	·70	·79	·82	·78	·80	·81	·84	·86	·84	·90	·70	·67	·64	·66	·66	·69	·66	·69	·66	·734
24	·69	·73	·71	·72	·70	·70	·71	·69	·71	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·66	·61	·64	·66	·70	·75	·66	·61	·53	·51	·55	·52	·54	·61	·62	·647
26	·63	·66	·70	·69	·69	·72	·78	·76	·74	·74	·74	·71	·67	·63	·63	·59	·57	·57	·54	·53	·58	·60	·62	·65	·656
27	·73	·70	·76	·76	·75	·79	·82	·83	·87	·89	·91	·91	·90	·91	·91	·88	·80	·77	·79	·81	·78	·78	·76	·82	·818
28	·79	·80	·83	·83	·83	85	·83	·82	·83	·86	·89	·90	·90	·87	·86	·81	·73	·68	·61	·60	·67	·65	·65	·63	·780
29	·70	·69	·72	·73	·76	·79	·83	·81	·84	·84	·83	·87	·90	·91	·92	·90	·76	·65	·65	·61	·66	·65	·65	·69	·765
30	·72	·73	·79	·81	·77	·79	·77	·88	·91	·90	·88	·90	·91	·99	1·00	1·00	1·00	·99	·90	·92	·92	·90	·90	1·00	·887
Means.	·707	·722	·739	·744	·752	·770	·783	·806	·826	·839	·847	·858	·864	·873	·860	·795	·731	·679	·656	·656	·661	·654	·659	·684	757

TENSION OF THE ATMOSPHERIC VAPOUR. NOVEMBER 1855.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9 *	10	11 *	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·622	0·635	0·628	0·622	0·621	0·647	0·620	0·631	0·630	0·603	0·577	0·549	0·522	0·539	0·457	0·522	0·533	0·550	0·544	0·549	0·510	0·545	0·547	0·563	0·578
2	·660	·706	·680	·689	·684	·664	·666	·632	·633	·621	·609	·604	·599	·592	·573	·493	·504	·479	·480	·489	·515	·495	·509	·574	·590
3	·626	·643	·614	·608	·642	·640	·619	·625	·625	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	·683	·742	·758	·775	·765	·787	·798	·820	·839	·868	·920	·917	·879	·845	·883	·747
5	·893	·899	·890	·892	·885	·877	·873	·874	·830	·820	·811	·819	·827	·821	·839	·853	·899	·888	·899	·914	·891	·905	·860	·889	·869
6	·871	·850	·837	·836	·819	·816	·809	·798	·772	·779	·786	·770	·755	·760	·789	·797	·832	·840	·859	·818	·847	·861	·831	·817	·815
7	·813	·819	·817	·813	·796	·813	·823	·820	·775	·779	·784	·789	·794	·792	·820	·862	·869	·867	·835	·836	·848	·841	·851	·907	·823
8	·900	·873	·874	·839	·862	·862	·874	·896	·887	·867	·847	·841	·836	·849	·889	·845	·862	·869	·899	·909	·914	·879	·887	·895	·873
9	·904	·920	·895	·894	·888	·884	·864	·831	·802	·804	·807	·817	·827	·847	·845	·857	·885	·825	·825	·810	·814	·757	·723	·747	·836
10	·757	·743	·747	·759	·750	·751	·748	·753	·760	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	·709	·658	·658	·659	·672	·641	·679	·666	·671	·618	678	·687	·721	·726	·672	·703
12	·659	·701	·728	·713	·681	·695	·709	·704	·730	·724	·718	·705	·693	·711	·679	·676	·730	·717	·719	·724	·731	·696	·716	·698	·707
13	·754	·700	·702	·666	·682	·689	·688	·674	·675	·668	·662	·680	·699	·711	·693	·751	·699	·701	·703	·723	·724	·694	·686	·742	·699
14	·718	·668	·652	·659	·658	·672	·664	·672	·699	·708	·717	·701	·685	·669	·665	·692	·706	·635	·646	·615	·629	·657	·642	·642	·670
15	·654	·635	·637	·646	·627	·631	·628	·629	·645	·654	·664	·655	·646	·645	·661	·681	·657	·620	·562	·605	·609	·611	·610	·629	·635
16	·645	·633	·592	·609	·639	·657	·613	·603	·601	·609	·617	·620	·624	·617	·616	·641	·634	·631	·621	·614	·611	·609	·632	·630	·622
17	·622	·613	·625	·612	·618	·618	·626	·676	·677	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	·682	·688	·673	·659	·664	·671	·696	·714	·720	·712	·768	·682	·678	·687	·679	·669
19	·735	·696	·673	·659	·657	·665	·668	·687	·707	·701	·696	·670	·644	·645	·649	·660	·630	·581	·585	·583	·613	·566	·562	·553	·645
20	·553	·551	·564	·576	·552	·557	·521	·577	·535	·541	·547	·550	·553	·558	·569	·553	·601	·580	·575	·589	·631	·626	·660	·655	·574
21	·681	·635	·623	·593	·623	·641	·661	·662	·653	·654	·655	·647	·640	·654	·655	·681	·669	·639	·649	·633	·660	·653	649	·668	·649
22	·650	·627	·609	·605	·608	·613	·660	·655	·640	·635	·630	·651	·673	·682	·685	·679	·652	·627	·668	·674	·675	·702	·700	·684	·654
23	·701	·676	·644	·615	·621	·644	·702	·686	·655	·650	·645	·643	·641	·630	·662	·653	·671	·680	·712	·707	·727	·708	·713	·685	·670
24	·688	·704	·659	·657	·641	·638	·636	·625	·632	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	·585	·539	·537	·535	·509	·546	·573	·597	·539	·535	·562	·560	·569	·639	·651	·598
26	·639	·643	·661	·655	·645	·661	·675	·657	·633	·636	·640	·619	·598	·544	·543	·557	·557	·576	·564	·546	·617	·626	·642	·654	·616
27	·682	·666	·718	·723	·695	·726	·736	·738	·735	·742	·749	·728	·708	·712	·715	·726	·743	·744	·782	·835	·824	·808	·802	·837	·745
28	·777	·777	·771	·758	·743	·750	·735	·736	·738	·735	·733	·718	·703	·679	·673	·678	·679	·674	·643	·651	·707	·701	·673	·656	·712
29	·695	·646	·663	·664	·678	·699	·713	·707	·740	·736	·732	·732	·733	·693	·696	·703	·685	·662	·681	·669	·704	·670	·678	·693	·695
30	·696	·696	·746	·757	·741	·750	·734	·751	·782	·778	·774	·795	·816	·842	·782	·790	·884	·897	·890	·893	·900	·905	·901	·906	·809
Means.	·715	·706	·702	·697	·694	·702	·703	·704	·700	·696	·693	·690	·686	·685	·688	·696	·707	·694	·695	·704	·713	·706	·707	·716	·700

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
Madras Mean Time.	P. M. h. m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41	
HUMIDITY OF THE AIR. DECEMBER 1855.										*		*													
1	0·96	0·96	0·99	0·98	0·94	0·96	0·94	0·92	0·93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·96	0·98	0·98	0·96	0.97	0·98	0·97	1·00	1·00	1·00	1·00	1·00	1·00	1·00	0·99	0·975
3	·98	·99	1·00	1·00	1·00	1·00	·99	·94	·95	·96	·97	·96	·95	·96	·96	·96	0·91	0·87	0·84	0·87	0·78	0·79	0·76	·83	·927
4	·89	·87	0·89	0·86	0·91	0·92	·95	·96	·96	·98	·99	·99	·98	·98	·98	·97	·97	·92	·84	·84	·82	·84	·92	·91	·923
5	·89	·93	·90	·91	·92	·92	·91	·95	·98	·97	·95	·97	·99	·98	·97	·95	·98	·95	·90	·91	·80	·84	·88	·84	·925
6	·90	·91	·94	·92	·91	·91	·90	·90	·89	·89	·88	·89	·90	·91	·89	·83	·81	·80	·82	·79	·78	·82	·79	·80	·866
7	·82	·81	·83	·85	·84	·83	·81	·84	·82	·85	·87	·91	·95	·95	·88	·80	·79	·80	·79	·79	·87	·78	·84	·70	·834
8	·82	·62	·83	·84	·82	·85	·85	·86	·88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·89	·90	·91	·91	·94	·94	·83	·81	·76	·77	·75	·78	·74	·78	·77	·836
10	·77	·77	·80	·79	·79	·79	·79	·77	·98	·97	·95	·95	·95	·96	·94	·94	·81	·73	·67	·67	·72	·75	·75	·74	·823
11	·76	·79	·75	·76	·75	·80	·83	·87	·93	·94	·95	·95	·95	·94	·94	·86	·79	·76	·69	·64	·64	·65	·65	·65	·802
12	·68	·67	·73	·77	·78	·81	·89	·89	·86	·88	·89	·90	·90	·94	·93	·90	·80	·75	·68	·67	·63	·69	·66	·64	·769
13	·68	·71	·75	·78	·80	·86	·87	·90	·91	·93	·94	·94	·94	·95	·95	·89	·83	·77	·75	·67	·66	·65	·67	·66	·811
14	·66	·73	·73	·78	·82	·83	·88	·91	·91	·91	·91	·91	·90	·91	·95	·88	·75	·77	·66	·65	·67	·66	·65	·63	·795
15	·64	·69	·73	·72	·76	·86	·87	·90	·89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·81	·73	·74	·74	·71	·71	·61	·69	·60	·63	·63	·63	·67	·60	·57	·718
17	·60	·65	·70	·75	·74	·71	·72	·72	·76	·76	·75	·76	·76	·71	·79	·73	·69	·63	·61	·60	·60	·56	·57	·57	·685
18	·57	·64	·70	·69	·70	·70	·70	·84	·86	·88	·90	·90	·90	·88	·90	·77	·62	·60	·55	·55	·54	·54	·55	·58	·711
19	·56	·61	·65	·70	·70	·74	·73	·74	·74	·74	·73	·75	·77	·68	·73	·74	·61	·53	·53	·54	·55	·57	·56	·56	·657
20	·59	·66	·67	·74	·80	·81	·82	·82	·86	·86	·86	·87	·88	·86	·89	·77	·82	·66	·57	·58	·59	·54	·57	·52	·734
21	·57	·65	·68	·76	·61	·81	·86	·85	·86	·88	·90	·91	·92	·92	·86	·72	·59	·50	·56	·56	·55	·53	·53	·60	·724
22	·63	·66	·68	·68	·72	·83	·84	·84	·84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·86	·87	·86	·85	·92	·88	·91	·87	·76	·75	·70	·69	·71	·69	·70	·781
24	·72	·74	·76	·79	·76	·78	·79	·82	·88	·91	·94	·95	·95	·94	·91	·90	·85	·76	·76	·73	·66	·68	·66	·66	·805
25	·72	·83	·88	·74	·76	·79	·79	·63	·84	·84	·84	·86	·88	·87	·91	·79	·75	·76	·64	·62	·62	·64	·62	·60	·768
26	·67	·75	·74	·76	·77	·79	·81	·81	·87	·92	·97	·97	·97	·97	·92	·84	·80	·71	·62	·59	·61	·62	·64	·63	·781
27	·69	·71	·79	·83	·77	·72	·70	·70	·68	·67	·66	·70	·74	·74	·77	·77	·61	·58	·59	·60	·60	·61	·60	·60	·685
28	·62	·67	·72	·73	·74	·74	·79	·80	·86	·88	·90	·91	·92	·94	·92	·82	·73	·70	·72	·65	·66	·68	·67	·67	·768
29	·69	·73	·76	·77	·76	·77	·76	·80	·86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·90	·94	·96	·97	·96	·96	·95	·85	·85	·88	·85	·85	·84	·87	·86	·850
31	·80	·90	·91	·92	·93	·93	·93	·93	·91	·91	·91	·92	·92	·91	·93	·95	·98	·98	·98	·98	·89	·87	·82	·84	·916
Means.	·730	·763	·790	·801	·808	·825	·835	·850	·873	·883	·888	·897	·903	·900	·900	·856	·797	·751	·724	·709	·700	·699	·705	·696	·804
TENSION OF THE ATMOSPHERIC VAPOUR. DECEMBER 1855.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In. *	In.	In. *	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
1	0·675	0·669	0·676	0·675	0·647	0·663	0·647	0·640	0·687	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	0·633	0·639	0·840	0·844	0·847	0·799	0·684	0·846	0·884	0·854	0·847	0·821	0·806	0·809	0·810	0·842
3	·802	·793	·792	·797	·794	·794	·799	·750	·757	·766	·776	·770	·765	·785	·797	·820	·838	·853	·872	·896	·797	·823	·781	·814	·801
4	·844	·805	·808	·778	·812	·817	·829	·822	·804	·815	·826	·823	·821	·823	·818	·811	·844	·851	·844	·863	·854	·844	·895	·905	·832
5	·831	·858	·823	·829	·837	·818	·797	·795	·815	·794	·773	·786	·800	·796	·800	·795	·840	·862	·834	·865	·830	·872	·883	·844	·825
6	·856	·856	·844	·823	·809	·814	·808	·805	·803	·792	·781	·780	·780	·782	·800	·780	·803	·825	·848	·818	·802	·836	·807	·804	·811
7	·802	·767	·760	·766	·757	·743	·712	·729	·711	·719	·728	·738	·748	·744	·739	·730	·777	·804	·800	·827	·874	·810	·870	·747	·767
8	·802	·762	·754	·750	·733	·766	·755	·764	·772	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	·776	·780	·757	·735	·762	·781	·764	·785	·796	·795	·789	·796	·785	·783	·768	·771
10	·734	·712	·716	·702	·699	·698	·698	·677	·839	·796	·753	·735	·717	·706	·696	·768	·739	·709	·666	·649	·722	·735	·743	·709	·723
11	·718	·727	·663	·661	·655	·676	·678	·699	·720	·709	·698	·686	·675	·651	·670	·671	·683	·701	·667	·643	·629	·633	·616	·615	·672
12	·622	·588	·617	·629	·630	·621	·622	·624	·596	·598	·601	·602	·603	·591	·602	·640	·654	·643	·622	·658	·606	·651	·623	·590	·618
13	·619	·610	·629	·630	·629	·641	·641	·643	·643	·650	·657	·649	·642	·618	·635	·661	·689	·696	·691	·639	·665	·645	·714	·731	·653
14	·681	·682	·668	·675	·681	·667	·647	·650	·644	·644	·644	·634	·625	·619	·635	·702	·716	·730	·693	·693	·702	·712	·692	·676	·671
15	·638	·645	·649	·638	·625	·641	·623	·618	·611	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	·609	·607	·602	·597	·571	·569	·678	·626	·615	·628	·668	·660	·626	·642	·605	·625
17	·613	·603	·622	·638	·629	·610	·612	·626	·650	·642	·634	·629	·624	·590	·592	·617	·619	·647	·646	·648	·614	·586	·588	·584	·619
18	·569	·588	·607	·589	·580	·568	·561	·610	·612	·607	·603	·608	·614	·598	·615	·646	·601	·612	·575	·592	·580	·586	·583	·594	·596
19	·547	·565	·576	·597	·597	·597	·587	·595	·608	·590	·573	·553	·533	·503	·538	·618	·597	·528	·552	·577	·596	·629	·600	·573	·576
20	·569	·599	·577	·600	·608	·614	·603	·580	·588	·579	·571	·574	·577	·554	·560	·589	·620	·637	·594	·601	·594	·578	·610	·547	·588
21	·562	·597	·583	·621	·617	·617	·605	·586	·585	·578	·571	·573	·576	·574	·595	·595	·543	·500	·578	·594	·576	·548	·544	·588	·579
22	·614	·611	·589	·586	·613	·647	·647	·641	·637	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	·680	·723	·711	·700	·731	·732	·759	·772	·766	·763	·728	·732	·751	·716	·711	·690
24	·684	·689	·673	·677	·647	·665	·669	·686	·690	·693	·696	·697	·699	·669	·671	·673	·689	·733	·725	·676	·650	·686	·635	·648	·680
25	·672	·717	·737	·593	·586	·592	·592	·604	·594	·586	·579	·567	·556	·538	·563	·601	·643	·694	·636	·622	·647	·650	·646	·613	·618
26	·642	·658	·603	·627	·624	·635	·634	·619	·638	·648	·659	·633	·607	·596	·571	·587	·601	·612	·590	·609	·634	·618	·620	·615	·620
27	·649	·632	·671	·689	·621	·589	·577	·573	·553	·533	·514	·533	·553	·555	·574	·605	·576	·586	·598	·626	·650	·660	·652	·628	·600
28	·605	·616	·630	·629	·624	·621	·637	·643	·653	·646	·640	·639	·639	·642	·632	·648	·648	·671	·688	·673	·672	·679	·687	·660	·647
29	·639	·645	·653	·651	·639	·648	·636	·647	·657	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	·722	·787	·799	·811	·821	·820	·845	·842	·861	·879	·888	·863	·842	·853	·836	·762
31	·833	·813	·804	·806	·807	·796	·788	·791	·784	·783	·782	·789	·797	·783	·801	·818	·855	·862	·839	·847	·830	·827	·797	·791	·809
Means.	·693	·693	·689	·687	·681	·683	·677	·678	·684	·684	·684	·681	·678	·671	·677	·702	·709	·717	·711	·715	·708	·708	·706	·692	·692

* The numbers in these columns are not observed but interpolated for the sake of obtaining the daily Means.

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DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. JANUARY 1855.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction.
Madras Mean Time.	P. M. h. m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	o	
1	5	6	6	6	6	6	6	6	7	7	7	7	1	1	1	2	2	2	5	5	5	7	5	5	54	NEbyE
2	4	4	3	1	4	3	3	3	3	3	3	3	4	3	0	0	31	1	1	5	5	5	5	9	35	NEbyN
•3	9	9	9	9	9	9	9	4	4	3	0	3	4	15	15	24	28	10	12	6	7	8	8	8	?	?
4	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	5	6	5	5	6	5	5	66	ENE
5	7	7	7	13	13	13	13	13	13	13	13	13	7	7	7	7	4	6	10	6	3	3	5	6	95	EbyS
•6	8	7	6	8	8	8	8	8	8	8	8	8	8	1	31	31	28	26	26	20	16	14	14	16	?	?
7	1	0	0	0	0	0	0	0	0	0	13	13	13	13	13	13	13	7	6	3	1	1	1	0	52	NEbyE
•8	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	17	17	17	17	17	B. S.		?	?
9[2]	17	15	15	15	15	15	15	15	15	15	15	15	15	15	11	2	2	9	12	13	13	14	14	12	147	SEbyS
10[3]	14	15	15	15	15	15	15	15	15	24	24	24	24	24	24	24	24	21	20	20	19	17	16	16	213	SWbyS
11[3]	16	16	16	16	16	16	16	16	16	16	16	16	24	24	24	24	22	22	20	20	19	16	16	16	206	SSW
12[3]	16	16	16	16	16	16	16	16	16	16	16	23	23	24	24	24	24	20	20	20	19	17	16	17	210	SWbyS
13[3]	17	17	17	17	17	17	17	17	17	17	17	24	27	27	27	28	29	26	20	15	15	12	10	10	214	SWbyS
14	6	6	6	6	6	6	6	6	6	6	6	6	31	31	31	31	0	1	2	2	3	3	4	5	41	NE
•15	5	5	5	5	5	5	5	6	5	Board Stopped.			—	—	—	—	—	—	—	—	—	—	—	—	?	?
16	5	6	6	6	5	5	5	6	5	5	5	5	6	3	1	0	0	0	3	3	8	6	5	5	46	NE
17	4	4	4	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	4	6	6	7	7	7	38	NEbyN
18	7	7	10	8	8	7	10	9	9	9	8	7	6	9	6	7	7	6	7	7	7	7	7	6	86	E
19	7	7	7	8	8	8	8	6	8	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	62	EbyN
20	8	8	6	9	8	8	6	9	8	8	8	8	6	8	6	6	6	6	8	9	9	6	7	7	91	E
21	7	8	6	7	8	9	9	9	9	6	8	8	6	8	6	8	9	7	7	7	7	7	6	6	87	E
22	6	6	6	6	6	5	7	7	7	7	7	5	5	6	5	5	5	7	7	7	7	7	6	6	69	ENE
23	4	4	4	6	6	6	6	7	7	7	7	7	0	0	0	0	0	0	1	3	6	6	6	6	46	NE
24	6	6	6	6	5	6	6	6	6	6	6	6	6	2	1	1	2	3	5	8	7	6	6	8	60	NEbyE
25	6	7	7	7	7	7	7	7	7	7	1	0	0	0	0	0	0	31	5	9	7	7	6	5	50	NE
26	5	6	6	5	5	5	5	6	5	5	5	2	2	2	2	1	0	10	10	10	10	10	10	10	63	ENE
27	10	10	11	11	11	11	11	11	8	6	6	3	3	3	2	2	2	4	10	9	10	10	9	9	85	E
28	6	8	6	8	8	8	8	8	8	8	8	6	4	1	1	10	10	10	11	10	10	10	9	9	89	E
29	8	8	6	7	7	7	7	7	8	8	8	6	9	9	9	9	9	9	9	9	9	9	9	9	93	E
30	7	6	7	7	6	7	7	7	8	6	5	3	3	9	9	8	8	9	7	9	6	8	6	6	79	EbyN
31	4	4	4	4	4	4	8	8	8	8	6	8	8	8	8	8	9	8	10	13	15	17	14	14	96	EbyS
Hourly Means. No. 1	o 68 ENE	o 68 ENE	o 70 ENE	o 72 ENE	o 73 ENE	o 73 ENE	o 77 EbN	o 77 EbN	o 77 EbN	o 74 EbN	o 76 EbN	o 67 ENE	o 55 NEbE	o 53 NEbE	o 49 NE	o 52 NEbE	o 51 NEbE	o 55 NEbE	o 75 EbN	o 78 EbN	o 79 EbN	o 61 EbN	o 75 EbN	o 78 EbN	o 69 ENE	o 93 E
Hourly Means. No. 2	180 S	178 S	178 S	176 S	178 S	178 S	178 S	178 S	178 S	198 SSW	198 SSW	229 SW	254 WbS	256 WbS	247 WSW	229 SW	227 SW	220 SW	207 SSW	198 SSW	191 SbW	171 SbE	152 SSE	160 SSE	198 SSW	
Number of Observations, with the Wind in each Quarter. NW	0	0	0	0	0	0	0	0	0	1	1	2	4	5	6	7	6	3	1	0	0	0	0	0	36	Obs. N W
SW	4	3	3	3	3	3	3	3	3	3	3	2	1	0	0	0	1	4	5	5	5	5	3	4	69	" S W
SE	8	9	11	11	12	11	13	12	14	11	11	9	9	10	10	8	8	8	9	12	10	11	10	11	248	" S E
NE	19	19	17	17	16	17	15	15	14	16	15	17	16	15	14	15	15	15	15	13	15	14	16	14	374	" N E

• The Observations of 3, 6, 8, and 15th are rejected from the hourly and daily Means.

FORCE OF THE WIND. JANUARY 1855.

	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·08	0·12	0·05	0·02	0·02	0·00	0·01
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·25	·15	·18	·08	·03
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
5	·00	·00	·00	·20	·17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·00	·00	·00	·00	·00	·02
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
•8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	B.	S.	?
9	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·01	·00	·00
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
14	00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·03	·00	·00
•15	·00	·00	·00	·00	·00	·00	·00	·00	·30	Board Stopped.			—	—	—	—	—	—	—	—	—	—	—	—	?
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
17	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·28	·30	·26	·28	·35	·06
18	·30	·27	·32	·15	·08	·20	·15	·01	·01	·02	·00	·00	·00	·00	·00	·00	·05	·00	·32	·56	·70	·45	·38	·52	·19
19	·22	·15	·08	·10	·08	·06	·05	·00	·02	·03	·00	·01	·07	·02	·05	·22	·48	·40	·80	·75	·35	·85	·95	·50	·26
20	·38	·20	·35	·10	·04	·02	·03	·01	·00	·01	·01	·03	·00	·00	·00	·25	·10	·35	·30	·50	·35	·60	·50	·48	·19
21	·28	·10	·08	·03	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·10	·08	·05	·00	·03
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·05	·01	·01	·02	·03	·03	·01	·01
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·04	·00	·01
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·00	·00	·00	·00	·00
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·01	·00	·00	·00	·00
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
29	·00	·00	·00	·00	·00	·00	·01	·01	·00	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
30	·00	·00	·00	00	·00	·00	·00	·00	·00	·01	·00	·00	·00	·00	·00	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00
31	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·10	·07	·02	·00	·00	·00
Means.	·04	·02	·03	·02	·01	·01	·01	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·03	·05	·09	·08	·09	·09	·07	·03

N.B.—The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

• The Observations of 8, and 15th are rejected from the hourly and daily Means.

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DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. FEBRUARY 1855.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	P.M. h. m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	14	15	13	13	13	13	13	13	13	13	8	8	8	8	8	8	8	11	16	16	15	16	16	16	138	SE
2²	17	15	15	15	15	15	15	15	14	14	13	13	13	8	8	8	5	20	20	20	21	21	20	17	167	sbyE
3²	16	16	16	16	16	16	16	16	16	16	16	17	17	17	8	8	8	16	21	20	22	20	17	17	180	s
4²	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	7	7	18	17	19	19	19	17	17	186	sbyw
5²	16	17	17	17	17	16	14	14	14	14	14	14	14	14	16	17	18	18	17	17	17	17	16	17	179	s
6	14	13	13	12	12	12	12	12	13	13	13	13	13	13	13	12	13	13	13	13	13	13	13	13	144	sEbys
7	12	12	12	12	12	12	12	15	15	15	15	15	15	8	8	8	14	15	15	16	16	18	17	18	153	ssE
*8	16	14	14	15	15	15	15	15	15	15	14	8	8	8	8	8	6	17	17	17	Board Stopped.			—	?	?
9²	16	19	18	17	15	18	18	14	16	16	18	18	18	18	18	8	17	19	18	18	20	21	21	21	197	ssw
10²	15	14	14	14	15	15	17	18	20	20	20	20	20	17	17	17	12	18	18	18	17	17	17	18	191	sbyw
11²	16	15	16	17	16	16	16	16	16	15	5	5	5	5	17	19	22	27	26	26	26	26	27	27	198	ssw
12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	9	12	16	17	17	16	16	17	154	ssE
13²	17	17	16	16	16	16	16	16	16	15	15	15	15	15	11	11	11	13	15	15	15	16	18	18	171	sbyE
14²	16	15	17	15	15	15	16	16	16	16	16	15	15	10	10	10	10	8	18	18	18	19	19	19	170	sbyE
15²	19	19	16	17	17	17	17	17	17	17	17	17	11	11	11	10	8	20	20	21	21	21	21	21	189	sbyw
16²	18	18	18	19	19	19	19	19	19	19	19	19	19	19	19	19	1	28	13	14	14	13	13	12	207	ssw
17²	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	19	20	20	20	20	20	20	225	sw
18²	20	20	20	20	21	21	22	22	22	22	22	22	0	0	0	0	28	25	25	23	22	26	22	26	271	w
19²	22	21	21	21	21	21	21	22	23	23	26	26	26	28	28	28	30	28	24	26	23	23	23	23	271	w
20	13	13	12	12	12	12	13	13	13	13	13	13	13	13	13	13	15	13	12	12	10	10	10	11	139	SE
21	10	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	17	13	13	13	12	12	12	12	128	sEbyE
22	12	12	12	12	12	12	12	12	13	12	12	12	12	12	12	12	16	15	12	12	12	12	12	12	139	SE
23	12	12	12	12	12	12	12	13	13	14.	14	14	14	14	24	11	22	22	14	14	10	12	12	12	156	ssE
24	12	12	12	12	11	11	11	11	11	11	11	11	11	11	10	10	10	9	8	8	8	6	6	7	114	ESE
25	7	5	6	6	6	7	8	8	8	8	8	8	8	8	8	8	8	5	6	6	6	6	6	5	77	EbyN
26	5	7	6	5	5	5	5	5	5	5	5	5	5	5	5	7	8	8	8	6	6	6	7	7	67	ENE
27	7	7	6	6	4	4	4	5	5	5	5	5	5	5	3	2	7	8	8	8	7	6	5	8	63	ENE
28	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	8	7	6	9	8	8	7	8	60	NEbyE
Hourly Means. No.1	° 118 ESE	° 118 ENE	° 113 ESE	° 113 ESE	° 109 ESE	° 108 ESE	° 112 ENE	° 117 ESE	° 119 sEbE	° 119 sEbE	° 114 ESE	° 114 ESE	° 114 ESE	° 108 ESE	° 114 ESE	° 103 Ebs	° 134 SE	° 131 SE	° 127 sEbE	° 130 SE	° 121 sEbE	° 122 sEbE	° 120 sEbE	° 126 sEbE	° 118 ESE	° 161 ssE
Hourly Means. No.2	198 ssw	195 sbw	194 sbw	194 sbw	193 sbw	195 sbw	196 sbw	195 sbw	198 ssw	196 sbw	191 sbw	191 sbw	195 sbw	186 sbw	186 sbw	176 s	184 s	207 ssw	219 swbs	221 sw	221 sw	224 sw	218 swbs	219 swbs	200 ssw	
No. of Observations, with the Wind in each Quarter: N W	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	1	2	4	3	2	1	2	1	2	24	Obs. N W
S W	14	10	12	11	10	11	12	11	12	10	9	8	6	6	7	5	7	10	12	14	13	14	15	14	253	„ S W
S E	10	14	12	13	14	13	12	13	12	15	14	15	16	16	15	17	14	12	11	11	10	7	6	8	300	„ S E
N E	4	4	4	4	4	4	4	4	4	3	4	4	5	5	4	5	5	2	2	1	3	4	5	3	91	„ N E

* The Observations of 8th are rejected from the hourly and daily Means.

FORCE OF THE WIND. FEBRUARY 1855.

Day	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·01	·00	·00	·20	·25	·35	·50	·45	·38	·40	·22	·12
7	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01
*8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	Board Stopped.			—	?
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·02	·01	·00
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·01	·00	·00
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
17	·00	·00	·00	·00	·01	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·01	·02	·03	·00
18	·02	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·00	·00
19	·00	·02	·00	·01	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·05	·08	·01
20	·12	·09	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01
21	·12	·10	·00	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·02	·03	·04	·02
22	·00	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·08	·10	·09	·10	·02
23	·08	·02	·01	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·02
24	·22	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·08	·05	·00	·00	·00	·02
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
Means.	·03	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·01	·01	·02	·02	·02	·03	·02	·01

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of 8th are rejected from the hourly and daily Means.

DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. MARCH 1855.

Gottingen Mean Time.	Noon.	1	2	3	4	5	0	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	7	7	0	23	23	0	8	9	9	9	9	9	9	9	9	9	9	9	9	7	7	7	1	11	7[illegible]	EbyN
2	7	0	8	9	8	0	8	6	6	8	8	0	7	7	7	25	25	5	5	5	0	5	0	5	69	ENE
3	0	0	6	0	7	0	6	7	7	6	5	4	4	4	4	5	5	0	6	6	0	0	0	7	[illegible]	ENE
4	5	0	5	6	7	7	0	6	5	9	9	8	8	0	8	8	6	9	7	9	8	6	6	7	82	EbyN
0	0	0	8	8	0	8	8	0	8	8	8	8	8	0	8	5	0	5	0	6	7	0	5	5	7[illegible]	EbyN
6	7	6	7	0	6	0	8	8	8	8	8	8	8	8	8	8	0	7	7	7	7	7	7	7	8[illegible]	EbyN
7	0	6	6	7	7	7	7	7	7	7	7	7	7	7	7	9	8	0	6	8	9	9	8	11	84	EbyN
8	10	9	9	9	9	9	9	9	9	9	9	9	9	9	30	30	28	7	8	8	8	9	9	10	[illegible]	EbyN
9	10	10	10	10	10	10	10	10	10	10	10	10	16	16	16	16	15	15	12	12	9	11	11	11	150	SEbyS
10	10	10	9	6	8	8	8	8	9	9	9	9	9	9	9	9	10	10	10	9	8	6	8	8	[illegible]	EbyS
11	11	8	9	9	9	6	9	9	9	9	10	10	10	10	10	10	10	11	11	10	7	8	6	8	1[illegible]	EbyS
12	5	0	0	7	7	8	8	8	8	8	8	8	8	8	8	5	0	6	6	7	0	0	6	6	77	EbyN
13	6	6	0	0	7	7	8	8	8	8	31	31	31	31	31	31	28	8	0	6	8	8	8	9	[illegible]	NEbyE
*14	8	7	8	8	8	10	10	10	10	10	10	10	11	11	11	11	11	11	11	Board	Stopped.		—	—	?	?
15	12	12	12	12	12	12	12	12	12	12	12	12	12	22	22	21	15	12	12	12	12	12	12	11	150	SEbyS
16	12	12	12	12	12	12	12	12	12	12	12	12	12	12	28	29	6	8	9	9	8	9	9	9	107	ESE
17	7	0	8	6	7	7	7	7	7	7	7	7	7	4	3	3	0	8	8	5	6	9	7	7	74	EbyN
18	4	4	4	4	4	4	4	4	4	4	4	4	3	30	30	30	29	4	6	7	5	5	5	6	37	NEbyN
19	0	5	6	6	6	6	6	0	0	6	6	6	28	28	28	26	24	17	1	0	31	0	0	0	14	NbyE
20	10	10	10	10	10	10	10	10	10	10	10	18	18	18	18	20	20	10	10	12	12	12	12	12	147	SEbyS
21	12	12	12	12	11	12	12	12	12	14	14	14	20	20	20	20	19	18	17	17	12	12	12	12	1[illegible]	SSE
22	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	17	18	16	15	11	10	11	11	11	1[illegible]	SE
23	10	9	9	9	8	8	8	8	6	8	8	8	8	8	8	8	11	12	12	11	11	10	10	10	1[illegible]	EbyS
24	9	10	10	10	10	10	10	10	10	11	11	11	11	11	11	23	26	12	11	11	12	11	11	11	1[illegible]	SE
25	9	9	8	8	8	0	8	8	8	8	6	8	19	19	19	23	22	12	11	10	9	9	9	9	125	SEbyE
26	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	21	17	18	12	12	12	12	12	1[illegible]	SEbyE
27	13	12	12	12	12	12	12	13	12	12	12	12	12	12	12	12	12	12	12	12	9	10	11	11	13[illegible]	SE
28	11	11	11	11	12	12	12	12	12	12	12	12	12	12	12	10	10	13	13	13	13	13	13	13	1[illegible]	SE
29	12	12	12	12	12	12	13	13	13	13	13	13	13	13	13	17	16	15	12	12	12	12	12	12	1[illegible]	SEbyS
30	12	12	12	12	12	13	14	14	14	14	14	14	14	14	14	16	14	13	12	12	12	12	12	12	147	SEbyS
31	12	12	12	12	12	12	12	12	12	12	28	28	28	24	23	16	13	13	13	13	13	13	13	13	174	SbyE
Hourly Means No. 1	71° ENE	72° ENE	74° EbN	63° ENE	64° ENE	80° EbN	80° EbN	82° EbN	61° EbN	84° EbN	75° EbN	74° EbN	04° ENE	58° NEbE	48° NE	30° NEbN	26° NNE	07° NEbE	71° ENE	73° ENE	70° ENE	73° ENE	64° ENE	79° EbN	67° ENE	104° EbS
Hourly Means No. 2	122 SEbE	120 SEbE	120 SEbE	119 SEbE	110 ESE	119 SEbE	120 SEbE	121 SEbE	122 SEbE	124 SEbE	135 SE	140 SE	156 SSE	159 SSE	148 SEbS	186 SbE	173 SbE	149 SEbS	143 SEbS	131 SE	120 SEbE	122 SEbE	123 SEbE	122 SEbE	133 SE	
No. of Observations with the Wind in each Quarter N W	0	0	0	0	0	0	0	0	0	0	2	2	3	4	5	6	0	0	0	0	1	0	0	0	29 Obs.	N W
S W	0	0	0	1	1	0	0	0	0	0	0	1	4	0	0	11	7	0	3	1	0	0	0	0	45 "	S W
S E	20	21	22	22	21	24	25	25	25	26	24	23	19	16	16	10	13	19	19	20	20	22	21	21	496 "	S E
N E	11	10	9	8	9	7	0	6	0	5	5	0	5	4	4	4	0	7	9	9	9	8	9	9	169 "	N E

* The Observations of 14th are rejected from the hourly and daily Means.

FORCE OF THE WIND. MARCH 1855.

	Noon.	1	2	3	4	5	0	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·01
3	·05	·04	·00	·00	·02	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·20	·15	·30	·33	·35	·33	·42	·28	·11
4	·05	·08	·04	·01	·00	·00	·01	·00	·02	·03	·05	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	·00	·02	·01	·00	·01	·00	·01	·00	·00	·00
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00
10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·00
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
*14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	Board	Stopped.		—	—	?
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·01	·00	·01	·02	·05	·00
16	·10	·08	·02	·00	,00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	05	·05	·04	·03	·01
21	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·01	·05	·03	·01
22	·08	·00	·03	·04	·05	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·01
23	·02	·00	·00	·00	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·00
26	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	02	·05	·07	·30	·02
27	·35	·20	·05	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	01.	·03	·08	·15	·04
28	·10	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·18	·30	65	·70	·92	·60	·15
29	·70	·35	·12	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·08	·20	38	·75	1·05	1·17	·20
30	·90	·65	·30	·05	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·25	·08	·20	·68	·82	1·15	1·25	0·60	·29
31	·55	·38	·15	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·18	·27	·58	·65	·68	0·78	0·65	·26	·22
Means.	.10	·06	·02	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·02	·05	·07	·10	·13	·15	·12	·04

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of 14th are rejected from the hourly and daily Means.

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DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. APRIL 1855.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Hourly and Monthly Means.	Mean Direction.
Madras Mean Time.	P.M. h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	13	13	13	13	13	14	14	14	14	14	14	14	14	14	14	16	16	15	13	13	13	13	13	13	155	ssE
2	13	14	13	14	14	14	15	16	16	16	16	17	17	18	20	17	17	17	17	15	14	14	14	14	174	sbyE
3	14	14	14	14	14	15	16	16	16	16	16	16	16	16	20	20	20	20	18	15	15	15	15	15	181	s
4	13	14	14	14	14	14	14	14	15	16	16	16	16	17	18	18	19	18	15	15	15	15	15	15	173	sbyE
*5	22	22	22	22	23	23	24	24	24	24	24	24	24	25	25	25	26	23	23	23	23	23	23	23	264	wbys
6	14	14	14	14	14	14	14	14	15	15	15	15	15	15	15	16	17	17	16	13	13	13	13	13	163	ssE
7	12	12	12	12	12	12	13	13	13	13	13	13	13	13	13	16	13	13	13	13	12	12	12	12	143	sEbys
8	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	12	12	12	12	12	151	sEbys
9	13	13	13	13	13	13	13	13	13	13	13	13	13	16	17	20	16	13	13	13	13	13	13	13	154	ssE
10	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	15	13	13	13	12	12	12	12	146	sEbys
*11	12	12	12	12	12	13	13	13	13	13	13	13	13	13	13	31	24	13	12	11	9	9	9	9	?	?
12	8	8	8	8	10	10	12	12	12	12	12	12	12	13	13	13	14	13	13	13	13	13	13	13	131	sE
13	10	10	9	9	9	10	10	11	11	11	11	11	11	11	16	20	15	12	12	12	13	13	12	12	131	sE
14	13	13	13	13	14	14	15	16	16	16	16	16	16	16	16	22	20	19	12	12	13	13	13	13	168	sbyE
15	12	12	12	12	12	12	9	12	12	12	12	16	16	16	18	20	15	12	12	12	11	11	11	11	145	sEbys
16	12	12	12	12	12	12	12	13	13	14	15	17	17	17	17	17	16	13	13	12	12	12	12	12	153	ssE
17	12	12	12	12	12	12	12	14	14	14	14	14	14	14	14	20	18	18	18	13	14	14	14	14	159	ssE
18	13	13	13	13	14	15	15	16	16	17	18	18	18	18	19	19	20	15	13	13	13	13	13	13	172	sbyE
19	13	13	14	15	15	15	16	16	18	17	18	17	18	18	17	17	18	18	18	14	14	14	14	14	179	s
20	13	13	14	15	15	16	16	16	16	18	18	18	18	18	19	19	20	19	18	13	13	13	13	13	183	s
21	12	13	15	15	15	16	16	16	17	17	17	16	16	16	17	17	17	18	15	13	13	13	28	18	181	s
22	14	13	13	13	14	15	15	15	15	16	17	18	16	18	16	16	16	16	13	13	13	13	13	13	166	sbys
23	12	12	12	11	11	13	13	15	14	14	14	16	16	17	14	15	16	15	12	10	10	10	10	10	146	sEbys
24	13	14	15	16	15	16	16	17	16	17	18	18	18	17	16	18	18	15	15	15	15	15	14	15	179	s
25	15	15	15	15	16	16	16	16	16	16	18	18	18	20	19	18	17	16	15	15	15	15	15	15	183	s
*26	15	15	15	16	16	16	16	18	18	20	20	19	18	18	18	19	21	23	23	14	15	15	15	15	199	ssw
27	13	13	13	13	13	13	13	13	13	13	13	13	13	19	16	16	15	15	15	14	13	13	13	13	156	ssE
28	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12	16	16	13	13	12	12	12	12	12	142	sEbys
29	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	20	18	18	17	14	14	14	14	14	151	sEbys
30	13	14	14	15	15	16	16	16	17	17	17	21	21	21	20	20	19	21	23	13	13	13	13	14	185	sbyw
Hourly Means.	° 143 sEbs	° 144 sEbs	° 145 sEbs	° 147 sEbs	° 149 sEbs	° 153 ssE	° 155 ssE	° 161 ssE	° 162 ssE	° 165 sbE	° 168 sbE	° 173 sbE	° 172 sbE	° 179 s	° 181 s	° 197 ssw	° 189 sbw	° 173 sbE	° 166 sbE	° 147 sEbs	° 147 sEbs	° 147 sEbs	° 153 ssE	° 149 sEbs	° 161	ssE

* The Observations of 5, 11, and 26th are rejected from the hourly Means.

No. of Observations with the Wind in each Quarter.

	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total		
N W	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	0	0	0	0	0	1	0	14	Obs.	N W
S W	1	1	1	3	2	7	8	11	11	13	13	16	16	18	18	24	21	15	10	1	1	1	1	2	215	„	S W
S E	29	29	29	27	28	23	21	18	18	16	16	13	13	11	11	4	7	15	20	29	29	29	28	28	491	„	S E
N E	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	„	N E

FORCE OF THE WIND. APRIL 1855.

	Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·48	0·27	0·08	0·06	0·02	0·01	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·12	0·05	0·00	0·13	0·25	0·28	0·26	0·20	0·45	0·11
2	·15	·08	·03	·04	·07	·06	·01	·00	·00	·00	·00	·00	·00	·00	·00	·25	·20	·10	·03	·13	·90	1·10	1·05	·82	·21
3	·60	·15	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·22	·06	·04	·35	·78	0·62	0·30	·15	·14
4	·20	·17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·08	·05	·01	·25	·87	·70	·60	·22	·14
5	·35	·20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·13	·50	1·10	1·50	1·05	1·07	·85	·29
6	·32	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·30	·08	·00	0·16	·35	0·80	0·70	·55	·14
7	·25	·08	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·20	·01	·01	·00	·08	·05	·03
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·03	·02	·08	·15	·12	·02
10	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·00	·00	·00
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·12	·10	·00	·01
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00
13	·08	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·20	·35	·32	·80	·35	·09
14	·18	·20	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·05	·05	·07	·08	·03
15	·18	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·00	·07	·12	·13	·15	·03
16	·10	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04	·05	·03	·00	·01
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·15	·28	·22	·25	·04
18	·10	·03	·00	·00	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·06	·30	·88	·84	·65	·38	·14
19	·48	·35	·30	·20	·15	·12	·13	·08	·00	·00	·00	·00	·00	·00	·05	·70	·75	·25	·18	·20	1·13	1·25	1·35	1·59	·39
20	1·20	·90	·30	·20	·10	·13	·15	·27	·40	·00	·00	·00	·00	·00	·00	·05	·20	·10	·05	·00	0·06	0·15	0·70	0·67	·23
21	0·92	·45	·32	·17	·05	·00	·00	·00	·02	·18	·08	·00	·12	·25	·55	·88	·05	·01	·01	·28	·65	1·12	·45	·00	·27
22	·00	·02	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·24	·17	·08	·40	·85	·95	1·10	·80	·42	·21
23	·10	·03	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·01	·35	·90	·12	·35	·20	·80	0·70	·65	1·10	·22
24	·42	·20	·15	·12	·09	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·35	·25	·15	·28	·25	·52	1·05	1·03	1·00	·25
25	·50	·22	·30	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·70	·82	·25	·15	·17	·29	0·27	0·25	0·40	·19
26	·40	·53	·25	·18	·10	·12	·08	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·13	·18	·16	·14	·10
27	·25	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·12	·15	·28	·75	·73	·78	·75	·72	·19
28	·15	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·00	·01
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	·05	·07	·00	·00	·01
30	·05	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·30	·02
Means.	·25	·14	·06	·03	·02	·02	·01	·01	·01	·01	·00	·00	·00	·01	·03	·13	·14	·05	·09	·18	·39	·44	·41	·36	·12

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

DIRECTION AND FORCE OF THE WIND.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction.
Madras Mean Time.	P. M. h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
DIRECTION OF THE WIND. MAY 1855.	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	14	14	14	14	14	14	14	16	16	17	19	19	19	19	19	19	19	20	18	13	13	13	13	13	180	s
2	13	13	13	13	14	14	14	14	16	16	17	17	17	17	17	19	19	17	15	15	13	13	12	12	169	sbyE
3	12	12	12	12	12	12	12	12	12	12	12	12	12	17	17	18	15	15	13	13	13	12	12	12	147	sEbys
*4	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	19	16	15	Board Stopped.			—	—	—	?	?
5	14	14	13	13	13	13	12	13	13	14	16	16	16	16	16	18	18	19	21	21	12	12	12	12	167	sbyE
*6	14	15	15	16	16	16	17	17	17	17	18	18	18	18	18	20	22	23	22	0	11	12	10	10	?	?
7	12	13	13	14	14	16	16	17	17	17	17	16	17	17	17	16	13	12	13	12	12	12	12	12	163	ssE
8	10	11	12	12	13	14	16	17	17	17	16	16	16	16	16	16	17	16	15	15	14	14	14	14	166	sbyE
9	13	14	15	15	15	15	16	16	16	16	16	16	15	16	15	16	18	19	17	12	12	12	12	11	168	sbyE
10	12	12	12	12	13	13	14	14	18	18	18	18	18	18	18	17	16	16	15	14	14	14	14	14	170	sbyE
11	15	14	14	15	15	16	16	17	18	18	18	16	16	17	17	17	18	19	19	15	16	15	15	15	183	s
12	13	13	13	14	14	14	16	17	17	17	17	20	18	18	18	20	20	24	22	12	12	12	12	12	176	s
13	12	13	14	15	17	17	17	17	17	17	17	17	17	21	20	20	21	22	13	14	13	13	14	14	184	s
*14	14	14	14	16	16	16	19	19	19	19	16	16	16	17	21	22	28	29	Board Stopped.			—	—	—	?	?
*15	12	13	16	16	20	19	23	20	19	17	17	23	17	20	20	22	23	26	—	—	—	—	—	—	?	?
16	14	15	16	16	17	17	20	20	18	18	18	18	18	18	18	20	18	16	13	14	16	15	15	15	180	s
17	16	16	16	18	16	16	16	18	18	16	4	4	7	16	20	19	20	14	14	14	14	14	14	14	166	sbyE
18	12	16	15	16	16	16	16	18	18	21	21	21	21	21	21	22	24	22	23	21	14	13	13	14	204	ssw
19	14	15	15	16	16	17	16	16	16	18	18	18	21	20	17	18	18	20	21	21	14	16	16	16	194	sbyw
20	14	14	16	16	16	16	17	18	18	17	17	18	19	19	17	20	21	21	20	20	20	12	13	15	194	sbyw
21	13	14	14	15	15	15	16	16	17	18	17	17	18	20	20	20	22	23	23	23	23	20	12	12	198	ssw
*22	14	15	16	17	16	17	17	17	17	18	18	19	17	17	20	22	22	22	26	Board Stopped.			—	—	?	?
*23	13	14	15	15	15	16	16	16	17	18	18	18	20	20	20	21	24	Board Stopped.			—	14	15	16	?	?
*24	15	15	16	17	16	16	18	19	19	19	19	19	19	19	19	21	23	24	24	24	Board Stopped.			—	?	?
25	14	15	15	16	16	16	17	16	17	17	20	20	21	22	22	22	23	23	23	27	18	11	13	13	205	ssw
26	16	16	16	16	16	16	16	16	16	16	20	20	20	20	20	23	23	23	23	25	10	12	13	14	200	ssw
*27	14	15	15	16	16	16	16	16	17	17	19	20	20	20	20	23	23	24	24	24	Board Stopped.			—	?	?
28	13	14	14	15	15	15	16	16	16	16	17	17	17	17	17	20	21	22	22	14	14	14	14	14	183	s
29	15	15	15	15	16	16	16	16	16	16	17	17	17	17	18	20	21	22	24	24	12	13	15	15	191	sbyw
30	16	16	17	16	16	17	17	17	17	18	17	18	18	18	18	21	21	24	24	24	13	14	14	14	199	ssw
31	16	16	17	16	17	17	18	18	19	20	21	21	22	22	22	22	24	25	25	28	15	15	16	17	220	sw
Hourly Means.	152° ssE	159° ssE	162° ssE	166° sbE	169° sbE	172° sbE	178° s	183° s	187° sbw	191° sbw	191° sbw	192° sbw	196° sbw	206° ssw	205° ssw	217° swbs	220° sw	222° sw	213° swbs	201° ssw	160° ssE	152° ssE	154° ssE	154° ssE	183°	s
No. of Observations with the Wind in each Quarter: N W	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	6	7	0	0	0	0	24	Obs. N W
S W	4	5	9	15	17	20	23	26	28	28	28	28	27	30	30	31	25	19	13	5	5	2	2	3	425	" S W
S E	27	26	22	16	14	11	6	5	3	3	2	2	3	1	1	0	2	4	8	13	19	23	23	22	256	" S E
N E	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	4	" N E

* The Observations of 4,6,14,15,22,23,24, and 27th are rejected from the hourly and daily Means.

FORCE OF THE WIND MAY 1855.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·28	0·08	0·12	0·15	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·35	0·12	0·00	0·00	0·00	0·03	0·10	0·04	0·02	0·05
2	·08	·10	·05	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·17	·08	·00	·00	·00	·00	·02
3	·00	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·25	·28	·27	·18	·05	·02	·04
*4	·30	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	Board Stopped.			—	—	—	?
5	·18	·00	·00	.00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·02	·25	·30	·03
6	·70	·67	·20	·35	·33	·18	·00	·02	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10
7	·00	·00	·00	·00	·10	·12	·10	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·02
8	·00	·00	·00	·00	·00	·02	·08	·00	·00	·00	·00	·01	·00	·00	·67	·45	·35	·10	·35	·09	·15	·20	·13	·15	·09
9	·22	·12	·05	·00	·00	·02	·10	·14	·15	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·04
10	·00	·00	·00	·00	·00	·08	·07	·03	·00	·00	·00	·00	·00	·00	·00	·03	·12	·00	·03	·05	·37	·53	·35	·38	·09
11	·25	·02	·00	·00	·00	·00	·00	·00	·00	·00	·12	·05	·00	·15	·03	·08	·02	·00	·00	·25	·28	·26	·14	·11	·08
12	·15	·18	·07	·02	·00	·00	·00	·08	·20	·25	·10	·07	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05
13	·00	·02	·00	·00	·07	·12	·05	·22	·02	·05	·01	·00	·00	·00	·00	·00	·01	·00	·00	·00	·00	·01	·00	·00	·02
*14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	Board Stopped.			—	—	—	?
*15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	—	—	—	—	—	—	?
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·00	·00	·00	·00	·00	·00	·00	·02	·01	·00	·10	·00	·01
17	·05	·00	·02	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·25	·12	·08	·03
18	·05	·00	·00	·00	·00	·02	·07	·02	·00	·00	·00	·00	·00	·00	·00	·01	·00	·05	·03	·00	·00	·00	·00	·00	.01
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
20	1·00	·85	·35	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·80	·07	·00	·00	·00	·01	·10	·14
21	0·08	·15	·12	·10	·05	·00	·00	·01	·02	·00	·00	·01	·00	·00	·01	·00	·12	·25	·24	·08	·45	·50	·40	·55	·13
*22	·10	·07	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·25	·23	·02	Board Stopped.			—	—	?
*23	·05	·07	·33	·15	·10	·02	·00	·05	·00	·00	.00	·00	·00	·00	·00	·00	·00	Board Stopped.			—	—	—	—	?
*24	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·03	·00	·00	Board Stopped.			—	?
25	·00	·00	·00	·00	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·08	·00	·00	·00	·00	·00	·00	·00	·00	·01
26	·08	·60	1·25	1·10	·35	·00	·00	·00	·00	·00	.25	·12	·00	·00	·00	·00	·15	·02	·00	·00	·00	·00	·00	·04	·17
*27	·10	·30	0·12	0·10	·20	·50	·47	·35	·27	·08	.20	·05	·00	.00	·00	·03	·08	·00	·00	·01	Board Stopped.			—	?
28	·00	·00	·00	·01	·15	·10	·09	·05	·00	·00	.03	·02	·00	00	·00	·00	·03	·00	·00	·01	·00	·00	·15	·40	·04
29	·05	·02	·01	·01	·00	·00	·15	·10	.10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·04	·02
30	·15	·35	·08	·22	·65	·48	·10	·08	·02	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	·08	·00	·02	·09
31	·10	·45	·28	·15	·33	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·06
Means.	·14	·15	·11	·09	·09	·05	·03	·03	·02	·02	·02	·01	·00	·01	·01	·04	·04	·05	·05	·04	·07	·09	·07	·10	·06

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observation of 4,14,15,22,23,24 and 27th are rejected from the hourly and daily Means.

DIRECTION AND FORCE OF THE WIND.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction.
Madras Mean Time.	P M h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
DIRECTION OF THE WIND. JUNE 1855.	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	15	15	16	16	16	17	20	20	20	20	20	20	21	20	20	22	24	25	25	25	25	27	12	8	216	swbys
*2	16	14	15	16	16	16	16	19	20	20	20	20	21	22	23	24	25	Board Stopped.			—	—	—	—	?	?
*3	15	16	16	16	10	17	23	24	24	24	24	24	21	21	25	26	26	28	29	29	29	29	4	5	?	?
*4	13	15	13	15	16	16	20	21	21	22	23	23	23	23	21	24	25	25	26	28	7	9	12	10	?	?
5	16	13	14	15	16	16	17	17	17	17	17	17	17	17	18	19	20	22	23	20	13	14	15	15	190	sbyw
6	16	16	17	17	17	17	17	17	17	18	18	19	19	19	20	20	22	22	22	21	15	14	14	15	201	ssw
7	15	15	16	16	16	16	10	17	17	17	17	17	17	18	16	19	20	20	15	15	15	15	15	15	186	sbyw
8	15	15	16	16	16	16	20	21	21	21	21	17	10	16	16	16	20	20	20	15	15	15	15	15	195	sbyw
9	16	16	16	16	16	16	17	17	17	17	16	16	16	16	16	17	18	20	19	13	13	14	14	14	181	s
10	17	17	17	17	17	17	17	17	17	17	10	17	17	18	19	19	19	21	21	16	16	16	16	16	195	sbyw
11	16	16	16	16	16	17	18	18	20	20	18	20	29	20	19	20	21	23	16	14	14	14	12	20	203	ssw
12	16	16	16	10	16	18	20	22	22	23	24	20	20	21	18	18	22	23	21	24	22	13	13	13	214	swbys
13	13	13	14	15	17	16	16	17	17	16	18	20	20	12	16	18	19	14	15	16	20	19	13	13	182	s
14	15	15	16	16	10	17	17	18	21	23	28	26	24	24	24	20	21	23	23	21	15	15	15	16	220	sw
15	10	16	16	16	16	16	16	18	20	26	23	22	21	20	19	21	23	21	23	23	16	10	10	16	214	swbys
*16	13	16	14	14	16	18	18	17	19	20	21	23	24	23	23	23	24	25	26	28	28	7	7	7	?	?
17	8	9	12	13	14	15	15	24	21	22	23	21	19	18	20	20	20	23	24	25	24	24	24	24	217	swbys
18	16	14	16	16	16	16	16	18	22	23	25	24	24	24	24	24	24	24	25	26	26	26	13	12	236	swbyw
19	15	13	18	16	10	20	20	22	23	24	24	24	24	23	23	25	24	25	25	24	25	27	11	12	236	swbyw
*20	12	12	12	14	15	15	16	16	19	23	23	23	24	24	24	25	25	26	27	28	0	0	10	12	?	?
*21	12	13	14	16	16	16	17	21	Board Stopped.			—	—	—	—	28	28	28	29	4	9	10	10	11	?	?
*22	11	16	17	10	16	17	16	24	22	23	24	24	24	25	25	28	28	28	28	8	10	12	13	13	?	?
23	13	13	15	16	16	16	16	16	16	19	20	21	24	20	16	18	20	20	20	15	15	15	15	15	193	sbyw
24	14	14	15	16	16	16	17	18	19	19	18	20	20	20	22	23	25	25	25	26	15	16	16	16	211	swbys
25	14	14	20	16	15	15	17	17	21	24	25	22	24	25	25	25	25	25	25	23	23	23	25	23	240	swbyw
26	22	21	20	19	15	14	14	26	29	25	24	24	21	24	24	24	24	25	25	25	25	25	20	27	258	wbys
27	24	6	12	17	17	16	18	20	21	24	24	24	24	24	24	24	24	24	24	24	24	23	24	23	240	swbyw
28	24	20	16	18	18	16	16	16	19	20	21	24	25	24	24	23	23	23	23	23	23	23	23	23	238	swbyw
29	20	20	28	20	23	27	30	24	22	22	22	22	21	20	20	22	22	22	22	22	22	22	22	22	253	wsw
30	23	23	24	24	22	22	21	21	21	22	22	22	22	22	21	21	21	23	23	24	23	23	24	24	252	wsw
Hourly Means.	185° s	172° sbg	189° sbw	187° sbw	187° sbw	192° sbw	201° ssw	210° swbs	225° sw	234° swbw	236° swbw	234° swbw	238° swbw	227° sw	229° sw	234° swbw	245° wsw	250° wsw	246° wsw	235° swbw	217° swbs	215° swbs	192° sbw	194° sbw	216°	swbs
No. of Observations, with the Wind in each Quarter: N W	2	0	2	1	0	1	1	5	2	6	9	8	13	9	9	11	14	13	14	13	6	6	5	3	155	Obs. N W
S W	12	13	17	23	26	25	27	25	27	23	20	21	16	20	20	19	16	15	13	9	6	9	5	9	416	„ S W
S E	10	17	11	6	4	4	2	0	0	0	0	0	0	0	0	0	0	1	2	6	11	12	17	15	124	„ S E
N E	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	9	„ N E

* The Observations of 2, 3, 4, 16, 20, 21, and 22nd are rejected from the hourly and daily Means.

FORCE OF THE WIND. JUNE 1855.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·08	0·50	0·15	0·28	0·10	0·03	0·26	0·30	0·13	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·05	0·75	0·20	0 03	0·00	0·00	0·00	6·30	0·38
*2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·15	·28	Board Stopped.			—	—	—	?
3	·00	·00	·00	·05	·02	·00	·07	·03	·00	·00	·00	·00	·00	·00	·00	·15	·65	·47	·05	·00	·00	·00	·00	·00	·06
4	·00	·01	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
5	·00	·00	·00	·00	·00	·00	·03	·00	·00	·00	·00	·00	·00	,00	·00	·00	·00	·00	·00	·00	·02	·05	·85	·50	·06
6	1·20	·85	·05	·08	·03	·02	·00	·00	·02	·03	·00	·01	·00	·00	·00	·00	·00	·00	·00	·00	·01	·08	·55	·30	·13
7	0·20	·35	·80	1·00	1·15	·92	·38	·25	·18	·08	·42	·20	·05	·03	·10	·08	·00	·00	·00	·15	1·30	1·28	1·35	·75	·46
6	·20	·80	1·25	1·15	1·32	·37	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·01	0·15	0·50	1·10	1·35	·34
9	1·15	1·30	1·05	1·32	1·10	1·10	1·00	·35	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·25	0·75	0·50	·42
10	1·00	0·90	0·55	0·92	0·70	0·55	0·47	·05	·00	·00	·00	·03	·10	·07	·35	·10	·00	·00	·00	·00	·15	·72	·50	·64	·33
11	0·35	·80	·68	·55	·60	·62	1·05	·75	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·00	·00	·65	·26
12	·00	·00	·00	·00	·00	·00	0·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
13	·00	·00	·00	·08	·00	·00	·00	·00	·00	·00	·10	.25	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02
14	·00	·00	·01	·15	·45	·78	1·15	1·05	·50	·35	·18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·05	·00	·20
15	·02	·04	·03	·08	·35	·42	0·32	0·20	·22	·65	·28	·00	·00	·00	·00	·00	·00	·00	·10	·12	·03	·00	·00	·00	·12
16	·00	·00	·00	·00	·10	·08	·00	·00	·00	·00	·00	·02	·00	·00	·00	·02	·10	·05	·00	·00	·00	·00	·00	·00	·02
17	·00	·00	·00	·00	·05	·15	·08	·55	·43	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·00	·00	·00	·05
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
19	·01	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·00	·00	·00
20	·00	·00	·00	·00	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
*21	·00	·00	·00	·01	·03	·05	·01	·02	Board Stopped.			—	—	—	—	·00	·00	·00	·00	·00	·00	·00	·00	·00	?
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·02	·00	·00	·00	·00	·01	·00	·01	·00	·00	·00	·00	·00	·00	·00
23	·00	·00	·06	·00	·00	·00	·00	·00	·00	·00	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·12	·24	·25	·03
24	·08	·03	·00	·00	·13	·28	·25	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·00	·00	·00	·00	·01	·01	·04
25	·02	·00	·03	·00	·02	·00	·00	·01	·00	·01	·25	·00	·00	·00	·00	·00	·08	·12	·28	·17	·30	·15	·02	·00	·06
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
28	·00	·00	·00	·00	·85	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·00	·00	·04
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·01	·02	·03	·00
30	·65	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·01	·12	·26	·10	·32	1·00	·11
Means.	·18	·20	·16	·20	·25	·19	·16	·13	·06	·04	·04	·02	·01	·00	·02	·01	·03	·05	·08	·02	·08	·12	·21	·44	·11

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of 2nd and 21st are rejected from the hourly and daily Means.

DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. JULY 1855.

Göttingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction.
Madras Mean Time.	P.M. h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	26	25	25	24	24	24	24	24	24	24	24	24	24	24	20	20	21	24	24	24	24	23	23	23	265	w
2	20	15	16	16	12	24	20	20	25	24	25	25	25	25	25	25	25	25	25	24	24	24	16	17	245	wsw
3	15	16	16	15	16	16	17	16	18	19	23	24	24	22	23	24	25	25	24	25	24	25	13	13	224	sw
4	12	12	12	13	15	16	16	17	17	17	16	20	20	22	24	24	24	24	25	24	24	24	12	12	208	ssw
5	11	12	13	13	13	14	16	20	22	22	20	20	18	18	18	20	15	15	26	26	14	15	15	15	207	ssw
6	11	11	11	9	10	12	20	13	12	19	16	20	20	22	24	25	23	22	23	22	22	18	20	8	194	sbyw
7	11	12	12	13	14	13	13	15	16	18	17	18	19	18	18	20	22	25	26	26	8	8	8	11	179	s
8	12	12	12	12	15	13	15	15	16	16	16	16	16	16	16	23	24	25	25	24	22	22	22	22	200	ssw
*9	30	6	6	12	14	15	16	19	18	18	19	25	24	24	24	24	25	25	25	24	24	24	24	24	?	?
10	19	18	15	15	16	16	16	17	18	19	21	22	22	21	22	23	24	23	24	23	23	24	23	23	228	sw
11	21	13	14	14	16	16	17	18	22	23	22	19	19	19	20	20	21	21	20	20	21	21	19	19	213	swbys
12	20	15	16	16	16	16	16	16	16	16	18	21	24	23	24	23	25	21	23	23	23	21	21	22	224	sw
*13	21	13	14	15	22	27	28	5	10	10	10	10	10	12	20	24	24	24	25	25	24	25	22	15	?	?
*14	8	6	12	13	15	20	24	24	24	24	24	24	24	25	24	24	25	26	28	26	27	28	30	9	?	?
15	8	11	14	15	16	21	20	21	23	28	28	24	23	24	24	24	24	24	28	28	28	28	28	28	253	wsw
16	26	28	28	24	16	21	21	21	21	21	21	21	21	24	24	24	24	24	24	24	23	22	22	25	262	wbys
17	28	12	18	21	20	21	20	21	20	21	22	23	24	24	24	24	24	24	24	24	24	22	22	20	247	wsw
18	20	8	11	16	16	15	15	19	21	24	24	24	23	24	24	23	25	24	24	24	23	24	25	25	235	swbyw
19	22	22	16	22	28	17	16	16	20	25	25	24	25	24	24	24	24	25	24	24	24	24	24	24	255	wbys
20	21	9	11	13	14	17	15	16	22	22	21	22	22	22	23	23	24	23	23	23	23	23	18	1	211	swbys
*21	10	4	11	28	11	19	15	15	15	15	11	13	15	15	20	21	23	23	24	24	24	24	21	21	?	?
22	10	10	20	12	13	14	15	16	16	16	16	20	20	22	22	22	23	23	24	24	25	24	24	25	216	swbys
23	23	23	23	15	16	17	17	20	21	23	23	23	23	23	23	24	25	25	26	26	29	28	26	26	257	wbys
24	18	13	13	14	16	17	16	17	18	23	23	22	22	22	23	23	24	25	25	25	26	25	28	29	237	swbyw
25	19	10	12	13	15	16	18	20	21	21	22	22	23	24	24	24	25	25	25	25	25	25	25	14	231	swbyw
26	16	17	17	17	18	18	19	18	17	20	20	20	20	20	20	25	25	25	26	26	25	25	25	25	236	swbyw
27	14	14	14	15	15	15	15	17	18	17	17	18	17	19	20	23	24	24	24	21	24	24	25	13	211	swbys
28	12	12	12	12	12	15	14	17	29	17	15	13	16	16	17	18	21	24	24	23	23	24	12	13	188	sbyw
29	12	13	13	14	14	15	15	16	17	16	16	16	16	16	21	24	24	24	24	24	23	23	20	21	205	ssw
*30	12	1	12	12	18	16	16	16	19	21	19	22	16	18	17	17	23	23	23	23	23	23	23	30	?	?
31	12	12	12	16	16	16	16	18	18	18	20	22	23	25	24	25	26	27	26	28	28	16	11	14	220	sw
Hourly Means.	° 190 sbw	° 162 sse	° 171 sbe	° 173 sbe	° 178 s	° 188 sbw	° 191 sbw	° 201 ssw	° 220 sw	° 231 swbw	° 231 swbw	° 235 swbw	° 238 swbw	° 242 wsw	° 247 wsw	° 258 wbs	° 264 wbs	° 267 w	° 275 w	° 274 w	° 260 wbs	° 252 wsw	° 228 sw	° 225 sw	° 225	sw
No. of Observations, with the Wind in each Quarter: N W	4	2	2	3	2	3	3	2	4	6	6	6	9	11	13	16	22	22	26	24	19	18	11	10	245	Obs. NW
S W	12	5	8	6	14	18	19	24	24	23	22	20	20	18	16	15	8	8	5	7	11	11	14	9	339	,, SW
S E	15	20	20	22	15	10	9	4	3	2	3	3	2	2	0	0	1	1	0	0	2	2	6	11	153	,, SE
N E	0	4	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	,, NE

* The Observations of 9, 13, 14, 21, and 30th are rejected from the hourly and daily Means.

FORCE OF THE WIND. JULY 1855.

	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	l's.
1	0·95	0·35	0·00	0·15	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·06
2	·00	·00	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·08	·10	·06	·03	·00	·00	·00	·02
3	·00	·00	·00	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·04	·01	·00	·00	·00	·00
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
6	·00	·00	.00	·00	·00	·00	·00	·00	·00	·90	·20	·00	·00	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·00	·00	·00	·00	·00	·00
8	·00	·00	·00	·00	·00	·00	·00	·00	·02	·85	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·04
9	·00	·00	·00	·00	·00	·00	·01	·00	·03	·00	·00	·00	·00	·00	·00	·00	·12	·18	·10	·00	·05	·00	·00	·01	·02
10	·00	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·35	·02	·04	·01	·01	·02	·00	·00	·02
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·10	·01	·00	·01
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·00	·00	·00	·00	·00	·00
14	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
17	·35	·01	·00	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·00	·00	·00	·00	·02
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·00	·00	·00	·00	·00	·00	·00
19	·01	·00	·00	·55	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
21	·00	·00	·00	·00	·00	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
27	00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·30	·50	·45	·40	·25	·22	·05	·38	·11
28	·56	·05	·00	·01	·00	·01	·00	·00	·00	·00	·00	·00	·60	·00	·00	·00	·00	·50	·02	·15	·20	·22	·10	·12	·11
29	·05	·00	·01	·01	·15	·20	·13	·05	·01	·00	·00	·00	·00	·00	·00	·05	·30	·42	·72	·35	·50	·45	·42	·40	·20
30	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	1·05	1·00	·58	·20	·22	·00	·08	·13
31	00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	0·12	0·10	·05	·02	·00	·00	·03	·02
Means.	·06	·01	·01	·02	·00	·01	·00	·00	·00	·06	·01	·00	·00	·00	·00	·00	·04	·09	·10	·07	·04	·04	·02	·03	·03

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

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DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. AUGUST 1855.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction.
Madras Mean Time.	P. M. h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
•1	14	13	12	24	31	16	15	15	14	14	15	19	18	18	18	23	24	24	6	6	6	5	4	4	?	?
2	12	12	12	13	18	15	14	14	14	17	17	20	20	21	21	21	24	23	23	24	24	24	24	22	210	swbys
•3	20	12	12	13	30	3	6	8	8	8	20	25	25	25	23	24	24	24	24	24	24	24	25	29	?	?
•4	14	16	15	17	20	20	17	17	18	19	19	21	23	23	24	24	24	25	25	26	26	31	8	11	?	?
•5	Out of the scale.			—	—	—	—	—	—	—	—	—	—	—	4	24	24	25	27	28	7	8	6	8	?	?
•6	8	12	12	15	16	16	17	17	19	20	20	22	23	24	25	26	27	27	28	29	29	8	29	29	?	?
•7	28	10	12	16	16	17	18	19	21	21	21	21	21	22	24	26	27	29	28	7	11	11	11	13	?	?
•8	12	14	15	16	15	16	17	17	25	18	20	21	20	21	24	27	28	28	31	29	10	Board	Stopped.		?	?
•9	9	10	12	14	16	13	15	17	17	17	19	19	19	18	18	21	24	29	30	9	9	9	10	11	?	?
10	10	11	10	13	14	14	17	20	16	16	16	17	20	20	21	24	24	24	24	28	12	14	14	14	194	sbyw
11	12	13	13	13	14	14	16	16	16	17	17	17	18	19	18	18	18	18	17	15	14	14	14	14	176	s
•12	15	16	16	16	16	16	16	16	17	17	19	18	18	19	20	26	30	3	6	7	7	7	9	10	?	?
13	9	11	12	12	12	12	16	16	17	20	21	22	24	24	16	17	18	22	22	24	22	24	12	12	195	sbyw
14	12	12	24	20	25	25	20	17	20	21	22	23	24	22	29	30	30	29	27	28	12	12	12	12	238	swbyw
•15	10	9	8	8	8	8	8	12	12	12	16	17	19	20	20	21	20	21	23	25	24	Out of the scale.			?	?
•16	19	18	16	15	16	16	16	16	16	16	16	17	19	20	21	22	21	24	26	27	28	8	8	10	?	?
17	11	12	12	13	16	17	17	17	17	17	17	17	18	18	18	19	25	28	25	8	8	7	8	10	176	s
18	12	12	13	16	16	17	16	16	16	17	17	17	18	18	21	24	24	25	24	25	26	28	26	29	222	sw
•19	4	9	10	13	13	13	16	15	16	18	20	23	25	25	25	26	27	28	28	28	29	9	10	10	?	?
20	9	11	12	13	15	15	15	15	17	19	20	23	24	26	25	26	27	27	28	27	28	28	28	28	237	swbyw
21	25	26	25	24	27	24	17	18	18	18	18	21	24	24	24	25	25	26	26	28	26	27	28	28	268	w
22	23	24	10	10	12	20	21	23	23	21	20	21	20	20	20	21	24	25	26	25	26	26	26	26	240	swbyw
23	24	11	12	13	13	19	18	17	19	20	20	20	20	22	22	22	23	23	23	23	24	13	13	13	210	swbys
24	11	12	11	13	14	15	17	16	16	17	18	17	18	19	19	20	23	23	23	23	23	28	18	11	199	ssw
25	14	13	15	22	17	18	20	20	21	25	25	25	26	27	27	28	28	29	29	29	30	30	31	31	272	w
26	28	18	18	17	19	20	20	21	22	23	23	23	23	23	23	24	25	26	26	27	27	27	27	27	261	wbys
27	28	25	25	26	28	27	27	26	26	26	21	22	24	24	24	24	23	24	25	25	24	25	24	27	281	wbyn
28	30	30	25	25	21	21	22	23	22	22	23	23	23	23	24	25	26	26	26	26	26	26	26	26	277	wbyn
29	28	28	28	12	15	15	16	17	20	21	20	24	23	24	24	25	26	26	26	26	26	25	10	9	241	swbyw
•30	9	10	11	12	12	13	14	17	19	20	20	21	25	24	26	26	27	28	25	28	Out of the scale.			—	?	?
•31	11	12	12	11	13	16	17	18	18	17	17	17	17	22	23	24	26	28	27	31	8	8	9	10	?	?
Hourly Means.	° 197 ssw	° 186 sbw	° 183 s	° 182 s	° 196 sbw	° 204 ssw	° 204 ssw	° 206 ssw	° 212 swbs	° 223 sw	° 222 sw	° 233 swbw	° 243 wsw	° 248 wsw	° 249 wsw	° 260 wbs	° 273 w	° 281 wbn	° 278 wbn	° 272 w	° 250 wsw	° 250 wsw	° 226 sw	° 224 sw	° 229	sw
No. of Observations, with the Wind in each Quarter. N W	7	5	5	4	5	3	1	1	2	2	1	3	9	10	13	20	24	24	23	23	17	14	11	10	237	Obs. N W
S W	3	4	3	8	12	15	22	23	24	25	28	27	21	20	17	11	7	6	6	2	2	0	1	1	288	,, S W
S E	19	21	22	18	13	11	6	6	4	3	1	0	0	0	0	0	0	0	0	3	8	11	14	16	176	,, S E
N E	1	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	1	2	3	3	3	2	1	19	,, N E

• The Observations of 1, 3, 4, 5, 6, 7, 8, 9, 12, 15, 16, 19, 30 and 31st are rejected from the hourly and daily Means.

FORCE OF THE WIND. AUGUST 1855.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·25	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·12	0·18	0·10	0·10	0·10	0·11	0·13	0·00	0·05
2	·35	·07	·00	·00	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·15	·17	·20	·15	·08	·20	·13	·07
3	·01	·12	·00	·02	·04	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·35	·55	·78	·80	·55	·50	·52	·90	·22
4	·00	·15	·00	·02	·15	·58	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·10	·12	·80	·67	·45	·00	·05	·00	·13
5	·08	·06	·02	·00	·12	·15	·10	·00	·00	·00	·00	·00	·00	·00	·00	·60	·65	·58	·45	·35	·10	·05	·03	·02	·14
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	1·06	1·00	1·25	·90	·65	·05	·60	·20	·24
7	·05	·00	·00	·10	·15	·00	·17	·30	·00	·00	·00	·00	·00	·00	·00	·25	0·42	0·15	0·00	·00	·00	·12	·08	·10	·08
•8	·15	·30	·05	·00	·00	·10	·00	·12	·15	·00	·08	·00	·00	·00	·00	·15	·20	·12	·00	·00	Board	Stopped.		—	·?
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·15	·10	·13	·00	·00	·00	·00	·00	·00	·05	·00	·08	·15	·08	·03
10	·10	·08	·03	·00	·00	·00	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·02	·04	·10	·10	·08	·10	·17	·04
11	·35	·50	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·20	·25	·45	·17	·35	·42	·40	·52	·65	·18
12	·70	·85	·75	·60	·25	·05	·25	·58	·80	·55	·30	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·24
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·30	·05	·05	·25	·42	·15	·05
14	·08	·00	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·12	·08	·02
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·00	·00	·05	·00	·00	·10	·10	·00	·01
16	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·02	·00	·20	·10	·22	·70	·65	·00	·00	·05	·10	·09
17	·05	·00	·00	·02	·00	·00	·00	·00	·10	·00	·00	·15	·00	·00	·00	·00	·12	·00	·00	·00	·00	·00	·00	·00	·02
18	·00	·01	·00	·00	·00	·00	·00	·00	·15	·15	·05	·00	·00	·00	·00	·00	·50	1·00	·65	·50	·45	·35	·10	·08	·17
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·18	0·25	·35	·38	·25	·08	·05	·10	·07
20	·00	·00	·00	·00	·01	·00	·00	·00	·15	·00	·00	·00	·00	·00	·00	·05	·25	·35	·30	·32	·08	·20	·35	·00	·11
21	·95	·30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·08	·15	·17	·22	·30	·80	·05	·40	·25	·10	·20
22	·01	·00	·00	·00	·00	·30	·32	·35	·25	·00	·00	·00	·00	·00	·00	·20	·80	·72	·85	1·35	·50	·48	·45	·40	·29
23	·10	·12	·05	·08	·07	·65	·00	·00	·10	·10	·05	·00	·00	·08	·45	·20	·25	·30	·32	0·10	·05	·02	·65	·20	·16
24	·00	·12	·00	·00	·08	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	1·35	·75	·82	·25	·20	·40	·00	·12	·18
25	·12	·08	·05	·01	·00	·00	·00	·00	·00	·00	·20	·52	·65	·40	·00	·20	0·48	·75	·62	1·55	1·25	·95	·72	·22	·37
26	·00	·00	·00	·00	·00	·00	·00	·00	·05	·15	·28	·32	·05	·02	·10	·15	·75	1·25	·60	0·75	0·00	·42	·10	·00	·25
27	·05	·00	·35	2·20	·80	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·25	·28	0·35	·55	·52	·50	·15	·08	·00	·25
28	·00	·00	·00	0·00	·30	·10	·00	·00	·00	·00	·05	·20	·18	·20	·15	·30	·50	·62	·15	·80	·20	·00	·20	·24	·20
29	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·35	·55	·20	·27	·22	·02	·00	·00	·05
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·12	·15	·17	·05	·07	·01	·00	·00	·00	·02
31	·08	·05	·15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·01	·00	·00	·00	·02	·00	·01	·00	·02
Means.	·12	·08	·05	·10	·07	·07	·03	·04	·05	·03	·04	·05	·04	·03	·03	·12	·31	·36	·35	·40	·27	·20	·20	·15	·13

The force is given in pounds and decimals of pound on one square foot. The entry ·00 denotes calms of pressures too small to overcome the inertia of the instrument.

• The Observations of 8th are rejected from the hourly and daily Means.

DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. SEPTEMBER 1855.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	P.M. h.m 4.41	h.m. 5.41	h.m 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m 16.41	h.m. 17.41	h.m 18.41	h.m. 19.41	h.m 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m 0.41	h.m. 1.41	h.m 2.41	h.m 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
*1	12	12	13	13	14	14	16	16	17	19	21	23	24	24	24	24	28	30	30	10	8	12	12	12	?	?
*2	12	13	13	14	13	12	14	14	14	16	17	20	28	28	28	28	24	24	24	26	26	23	7	8	?	?
*3	10	11	11	13	15	14	15	16	16	16	16	16	17	17	17	18	22	24	27	4	8	Out of the scale.			?	?
*4	12	12	13	13	14	14	14	16	15	16	18	18	19	20	20	22	24	24	24	24	21	7	7	11	?	?
*5	12	14	15	15	16	16	16	17	17	18	18	21	22	23	24	24	25	25	27	28	30	10	11	15	?	?
6	12	12	13	13	18	15	16	16	16	16	18	18	19	19	19	21	25	25	25	25	24	24	14	15	205	ssw
*7	13	13	14	10	13	16	17	17	19	18	18	17	17	17	19	24	24	25	25	24	Out of the scale.			—	1	?
8	14	14	14	12	11	13	17	17	19	13	16	18	18	20	21	20	20	19	20	20	21	12	12	12	184	s
9	16	16	16	18	18	20	21	22	22	25	25	15	23	22	23	23	23	25	29	16	17	16	17	17	232	swbyw
10	12	12	12	12	12	12	12	12	16	15	16	24	20	27	26	22	22	25	24	24	23	8	25	24	205	ssw
*11	9	9	10	12	12	12	12	20	20	19	17	17	19	21	23	24	24	28	28	30	30	9	9	7	?	?
12	12	13	14	15	12	14	14	17	18	20	19	19	21	22	23	24	24	24	26	26	26	14	14	14	209	swbys
*13	13	15	14	14	14	15	16	16	16	17	19	20	26	24	25	25	16	20	21	23	23	Out of the scale.			?	?
14	13	12	12	13	13	14	15	15	15	16	17	18	17	19	18	20	20	23	23	23	22	22	22	21	198	ssw
15	14	12	16	17	16	16	16	16	16	18	18	18	18	19	20	21	23	23	23	23	23	23	23	23	213	swbys
16	13	13	14	16	16	16	16	17	18	18	18	19	20	22	23	25	24	24	24	24	8	9	11	11	201	ssw
*17	12	12	13	14	15	15	16	16	16	17	17	17	17	18	18	19	22	22	22	13	12	12	B.	S.	?	?
*18	13	13	13	14	15	15	15	16	16	17	17	17	17	19	19	21	25	26	29	7	6	8	10	10	?	?
*19	11	12	12	12	12	14	14	14	15	18	19	17	17	16	18	20	25	25	27	30	7	7	7	7	?	?
20	10	10	10	10	12	13	14	15	16	16	16	17	18	20	20	19	20	23	12	12	9	8	8	9	158	ssE
21	10	11	12	12	12	13	13	15	15	15	15	15	17	16	16	18	18	16	11	12	12	12	12	12	154	ssE
22	12	12	14	14	15	14	14	15	16	16	18	20	20	20	21	24	22	20	11	12	12	12	13	13	178	s
23	13	13	13	13	13	14	14	14	14	15	18	18	19	19	21	21	24	24	23	13	13	13	13	13	182	s
*24	12	12	12	12	12	12	12	12	24	25	15	16	31	28	28	20	21	21	21	Board Stopped.			—	—	?	?
25	12	12	12	12	12	20	20	20	20	20	20	20	20	20	20	13	12	12	4	11	10	9	8	10	164	sbyE
*26	9	11	11	11	11	11	11	11	11	11	11	11	11	11	11	2	28	23	23	9	9	9	8	8	?	?
*27	8	9	9	9	9	9	10	10	10	10	10	10	10	10	2	23	19	19	12	10	13	12	11	11	?	?
28	12	12	12	12	12	12	13	15	17	16	19	21	21	21	21	21	21	11	10	5	8	8	11	11	160	ssE
*29	12	12	13	13	13	13	16	16	16	17	18	18	18	18	18	24	31	0	0	31	3	5	5	9	?	?
*30	7	8	8	9	10	13	16	20	20	20	20	20	20	20	20	20	21	0	4	4	4	4	4	4	?	1
Hourly Means.	° 141 sEbs	° 140 sE	° 148 sEbs	° 152 ssE	° 154 ssE	° 166 sbE	° 173 sbE	° 182 s	° 191 sbw	° 192 sbw	° 203 ssw	° 217 swbs	° 218 swbs	° 230 sw	° 235 swbw	° 235 swbw	° 240 swbw	° 236 swbw	° 229 sw	° 198 ssw	° 183 s	° 153 ssE	° 171 sbE	° 157 ssE	° 189	sbw

* The Observations of 2,3,4,5,7,11,13,17,18,19,24,26,27,29 and 30th are rejected from the hourly and daily Means.

Number of Observations, with the wind in each Quarter.

	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23			
N W	0	0	0	0	0	0	0	0	1	2	1	2	4	5	6	10	14	15	14	11	6	1	1	1	94	Obs.	N W
S W	1	1	2	3	5	6	13	18	21	22	25	25	24	23	22	18	15	11	8	5	6	4	3	3	284	„	S W
S E	28	29	28	27	25	24	17	12	8	6	4	3	2	2	1	1	1	2	5	9	12	17	16	18	297	„	S E
N E	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	3	4	4	4	5	3	28	„	N E

FORCE OF THE WIND. SEPTEMBER 1855.

	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs
1	0·01	0·00	0·00	0·00	0·00	0·00	0·03	0·08	0·02	0·00	0·00	0·04	0·05	0·00	0·00	0·00	0·00	0·01	0·00	0·00	0·00	0·10	0·15	0·12	0·03
2	·10	·20	·05	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·07	·12	·15	·05	·00	·03
3	00	·00	·00	·00	·00	·00	·00	·00	·30	·55	·15	·12	·00	·00	·00	·00	·00	·00	·05	·00	·00	·45	·10	·00	·07
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·30	·10	·10	·05	·05	·25	·12	·05
7	·32	·20	·05	·00	·00	·00	·12	·05	·04	·02	·00	·00	·00	·00	·00	·04	·05	·00	·00	·00	·10	·55	·48	·20	·00
8	·50	·40	·20	·00	·00	·00	·00	·00	·50	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	00	·07
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·12	·00	·01
10	·10	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·05	·24	1·05	·90	1·25	·00	·00	·00	·00	·00	·15
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	0·00	·00	0·00	·00	·00	·00	·00	·00	·00
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·02	·65	3·55	1·45	·00	·00	·00	·00	·25	·35	·00	·00	·00	·00	·27
14	·00	·00	·00	·00	·00	·00	·00	·02	·15	·00	·01	·00	0·00	0·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·01
15	·00	·00	·10	·25	·00	·00	·00	·02	·00	·10	·45	·20	·00	·00	·00	·08	·14	·05	·00	·00	·00	·00	·00	·00	·06
16	·00	·00	·00	·01	·02	·00	·35	·18	·05	·20	·00	·01	·00	·00	·00	·00	·00	·02	·06	·00	·02	·05	·00	·00	·04
*17	·00	·00	·00	·00	·00	·00	·25	·35	·18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·10	·30	B.	S.	?
18	·15	·17	·00	·00	·10	·00	·00	·13	·62	·45	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·00	·07
19	·00	·00	·00	·00	·00	·00	·00	·00	·03	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·35	·20	·03
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·20	·25	·35	·42	·05
23	·50	·22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·00	·00	·00	·00	·00	·00	·00	·00	·25	·05	·04
*24	·25	·10	·03	·00	·00	·00	·00	·00	·10	·00	·00	·00	·12	·00	·00	·00	·00	·00	·00	·00	Board Stopped.			—	?
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·08	·10	·00	·01
28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
Means.	06	·04	·01	·01	·00	·00	·02	·02	·06	·05	·02	·04	·13	·06	·00	·01	·05	·05	·06	·02	·02	·06	·09	·04	·04

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* The Observations of 17 and 24th are rejected from the hourly and daily Means.

DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. OCTOBER 1855.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	Mean Direction.
Madras Mean Time.	P. M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	7	8	8	12	12	12	14	15	15	16	16	16	17	17	18	20	23	23	23	24	28	12	12	15	180	s
2	12	12	12	6	13	12	11	16	21	19	17	17	19	19	17	17	20	20	21	21	19	16	14	14	181	s
•3	13	13	13	18	18	16	16	18	18	16	18	18	18	18	19	20	22	24	25	3	12	12	13	31	?	?
4	12	13	14	14	15	15	17	17	19	19	19	19	19	19	19	19	20	20	20	22	22	21	20	20	203	ssw
5	15	13	13	13	13	13	13	13	13	13	13	13	10	2	2	2	2	3	5	6	6	6	6	7	101	ebys
6[2]	7	6	6	6	6	5	5	31	16	21	21	22	22	23	30	6	28	27	1	3	4	31	1	1	312	nw
7[2]	30	30	30	30	30	29	29	29	29	29	28	28	28	28	28	28	28	26	25	25	27	25	27	28	316	nw
8[2]	28	28	28	24	24	26	26	26	21	20	21	21	20	20	17	19	18	21	20	16	15	15	15	15	236	swbyw
•9	13	13	13	Board Stopped.			—	—	—	—	—	—	—	—	—	—	—	16	20	22	18	12	12	12	?	?
•10	13	13	13	13	13	13	13	13	16	16	20	23	26	28	28	28	31	31	3	10	11	12	12	13	?	?
11	12	11	11	11	11	11	11	11	11	11	11	28	24	21	21	21	21	21	20	20	19	6	8	10	170	sbye
•12	8	8	8	9	9	14	14	14	14	14	14	14	23	23	23	23	31	6	7	9	12	12	12	12	?	?
13	12	12	12	12	12	12	12	22	22	22	22	22	22	22	22	16	15	15	14	8	8	11	10	10	172	sbye
•14	9	9	9	10	16	10	24	28	2	12	12	29	29	8	6	29	28	27	19	13	12	12	12	13	?	?
15	10	10	10	11	11	11	11	11	11	20	20	13	13	13	13	13	13	16	13	15	14	13	13	13	146	sebys
16	10	10	12	12	12	12	12	12	12	12	24	24	24	24	25	25	25	23	14	13	11	11	11	12	179	s
•17	8	8	8	7	7	7	7	7	7	7	7	7	4	23	23	23	23	23	23	12	7	12	20	28	?	?
18[2]	30	30	30	30	30	0	0	31	31	2	1	4	30	30	31	31	31	0	30	0	0	3	6	6	0	n
19[2]	17	14	19	24	24	24	23	24	24	19	20	20	19	19	18	16	20	20	19	16	16	16	17	16	218	swbys
20	13	13	30	14	15	16	16	18	22	22	18	20	20	20	20	21	21	12	14	14	14	14	14	14	187	sbyw
•21	13	13	30	13	13	13	13	14	16	13	28	28	29	23	30	30	30	6	8	8	9	8	8	6	?	?
•22	8	8	10	10	10	10	14	14	14	28	28	28	25	26	23	24	27	31	0	1	18	20	31	4	?	?
23[2]	31	4	31	30	30	30	31	29	29	29	28	28	28	28	28	28	24	24	26	28	30	31	31	31	328	nwbyn
24[2]	31	31	31	31	31	29	29	29	29	29	29	23	23	20	19	20	20	20	20	20	15	16	16	16	270	w
•25	15	15	15	16	16	16	16	27	24	24	24	24	24	19	19	19	16	17	20	20	30	6	20	17	?	?
•26	12	12	12	12	12	12	12	21	24	24	22	22	20	20	21	24	24	26	30	30	8	6	10	8	?	?
27[2]	4	8	6	4	4	0	30	27	23	28	27	24	24	24	25	28	31	1	4	2	2	2	1	0	350	nbyw
•28	29	30	30	30	30	30	30	28	28	28	28	28	28	28	28	28	29	30	Board Stopped.			—	—	—	?	?
•29	5	5	6	6	5	6	4	31	28	27	27	25	25	25	27	29	31	31	3	do.	do.	—	—	—	?	?
30[2]	3	3	4	4	4	4	4	4	4	4	30	30	30	31	31	31	31	31	1	2	3	4	4	5	22	nne
31[2]	4	4	4	3	3	3	3	31	0	0	0	0	0	0	0	1	1	1	1	1	2	1	1	2	16	nbye
Hourly Means, No. 1	° 129 sebe	° 128 sebe	° 131 se	° 131 se	° 142 sebs	° 142 sebs	° 146 sebs	° 169 sbe	° 182 s	° 192 sbw	° 200 ssw	° 215 swbs	° 210 swbs	° 196 sbw	° 196 sbw	° 192 sbw	° 200 ssw	° 193 sbw	° 180 s	° 179 s	° 176 s	° 140 se	° 136 se	° 143 sebs	° 169 sbe	° 247 wsw
Hourly Means, No. 2	352 nbw	358 n	359 n	353 nbw	353 nbw	349 nbw	344 nbw	330 nwbn	304 nwbw	312 nw	303 nwbw	297 wnw	288 wnw	287 wnw	291 wnw	308 nwbw	297 wnw	300 nwbw	309 nwbw	307 nwbw	308 nwbw	305 nwbw	313 nw	315 nw	318 nw	
No. of Observations, with the Wind in each Quarter. N W	6	5	6	7	7	6	7	13	9	9	11	12	14	10	11	13	15	11	5	4	4	3	3	4	195	Obs. N W
S W	1	0	1	2	3	3	5	6	10	11	12	12	12	16	15	13	11	12	11	8	6	4	4	4	182	" S W
S E	18	21	20	14	14	14	12	9	7	6	4	3	2	2	1	1	2	2	5	9	12	15	16	14	223	" S E
N E	6	5	4	7	6	7	6	2	4	4	3	3	2	2	3	3	2	6	9	6	7	7	6	7	119	" N E

• The Observations of 3, 9, 10, 12, 14, 17, 21, 22, 25, 26, 28 and 29th are rejected from the hourly and daily Means.

FORCE OF THE WIND. OCTOBER 1855.

Day	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·05	0·07	0·00	0·00	0·00	0·00	0·10	0·00	0·01
2	·05	·00	·10	·00	·85	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·06
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·35	·72	·05
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·20	·00	·00	·00	·06	·05	·03	·90	·35	·07
7	·12	·05	·00	·00	·02	·53	·35	·05	·07	·00	·00	·00	·10	·00	·35	·15	·00	·00	·00	·00	·00	·00	·00	·28	·09
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	.00	·05	·20	·00	·01
•9	·02	·00	·00	Board Stopped.			—	—	—	—	—	—	—	—	—	—	—	·08	·20	·03	·00	·00	·00	·00	?
10	·00	·00	·06	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
16	·00	·00	·00	·00	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00	·01
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01
22	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·00	·00
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
26	·00	·00	·09	·00	·00	·00	·00	·00	·35	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
•28	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	—	Board Stopped.			—	—	?
29	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	do.	do.	—	—	·00
30	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·12	·05	·02	·00	·01
31	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·12	·03	·15	·15	·12	·10	·05	·00	·00	·03
Means.	·01	·00	·00	·00	·03	·02	·01	·00	·01	·01	·00	·00	·01	·00	·01	·02	·00	·01	·01	·01	·01	·01	·05	·05	·01

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

• The Observations of 9 and 28th are rejected from the hourly and daily Means.

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DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. NOVEMBER 1855.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	P.M. h.m. 4.41	h.m. 5.41	h.m. 6.41	h.m. 7.41	h.m. 8.41	h.m. 9.41	h.m. 10.41	h.m. 11.41	h.m. 12.41	h.m. 13.41	h.m. 14.41	h.m. 15.41	h.m. 16.41	h.m. 17.41	h.m. 18.41	h.m. 19.41	h.m. 20.41	h.m. 21.41	h.m. 22.41	h.m. 23.41	h.m. 0.41	h.m. 1.41	h.m. 2.41	h.m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	2	1	3	0	0	31	0	0	0	0	0	0	31	0	0	0	0	0	31	31	31	0	0	0	0	N
2	0	0	29	0	0	30	28	28	28	28	28	28	28	28	0	0	0	1	1	2	2	2	3	4	350	NbyW
3	0	0	0	29	29	29	29	29	29	29	29	29	29	30	30	30	30	31	31	31	31	31	31	31	339	NNW
4	30	29	29	29	29	30	28	29	29	29	29	29	29	30	31	31	31	31	31	31	6	4	6	5	349	NbyW
5	5	6	6	7	7	7	7	7	7	7	3	3	3	3	3	30	31	9	9	9	10	9	9	9	67	ENE
6	6	5	5	6	7	8	5	8	6	31	31	31	31	31	31	31	31	6	7	7	7	5	6	6	51	NEbyN
7	3	3	3	3	3	3	4	4	4	4	31	31	31	31	31	31	1	4	4	4	4	4	4	4	27	NNE
8	4	4	4	6	4	4	4	5	7	6	31	4	4	0	2	5	5	5	5	6	6	5	6	7	52	NEbyE
9	4	4	4	4	5	31	31	0	27	27	27	27	30	30	0	0	1	2	5	5	4	4	4	4	11	NbyE
10	4	4	5	5	5	5	5	5	4	2	2	30	30	30	30	0	4	4	4	4	4	3	3	3	31	NEbyN
11	4	4	4	4	4	4	4	4	4	4	31	31	31	31	31	30	5	4	5	5	5	5	5	6	36	NEbyN
12	4	4	4	4	5	5	4	4	4	31	31	31	31	2	31	31	1	5	5	5	5	4	4	4	31	NEbyN
13	4	4	4	4	4	4	4	4	4	4	4	4	31	31	31	31	4	4	4	5	4	4	4	4	36	NEbyN
14	4	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	2	4	4	4	5	5	5	30	NEbyN
15	4	4	4	4	5	5	5	5	0	0	0	0	0	0	0	3	4	4	6	6	6	6	5	6	39	NEbyN
16	3	3	3	3	2	2	3	3	3	3	3	0	0	31	0	4	5	5	5	5	6	6	6	6	37	NEbyN
17	4	4	4	4	4	4	4	3	3	1	0	0	0	0	0	0	1	4	5	5	5	5	5	5	31	NEbyN
18	2	2	1	1	1	1	0	0	0	31	31	31	31	31	31	0	1	3	4	4	4	4	4	4	14	NbyE
19	4	4	4	4	4	4	4	4	4	0	0	0	0	0	1	1	1	4	5	5	5	5	5	5	34	NEbyN
20	4	4	3	2	2	3	3	4	4	0	31	31	1	3	2	4	4	4	4	4	4	4	4	4	32	NEbyN
21	4	4	4	4	4	4	4	31	31	31	31	31	31	31	31	31	2	4	4	4	4	4	4	4	23	NNE
22	4	4	4	4	4	4	4	4	4	4	31	31	31	31	31	0	4	4	4	4	4	4	4	4	31	NEbyN
23	4	4	5	5	5	4	4	3	3	3	3	1	0	0	0	6	6	8	8	6	6	6	6	6	47	NE
24	4	4	4	5	5	6	6	5	7	6	8	8	8	8	8	8	3	6	6	6	6	6	6	6	70	ENE
25	5	5	5	5	5	5	6	6	6	6	5	4	4	4	4	4	4	5	5	5	5	5	5	5	56	NEbyE
26	4	4	4	5	5	4	4	3	0	0	8	5	5	5	5	5	5	5	5	5	5	5	5	5	50	NE
27	4	4	4	4	4	4	3	0	31	31	31	31	31	31	31	31	31	0	1	2	2	2	2	2	14	NbyE
*28	3	3	3	3	0	0	0	0	0	2	2	2	2	2	3	3	3	5	5	5	6	Board Stopped.			?	?
29	4	4	4	4	4	4	8	6	6	6	6	5	0	0	0	0	1	6	6	6	6	6	5	5	48	NE
30	3	3	4	4	4	4	4	4	3	3	3	4	2	4	1	0	4	5	6	6	6	6	6	6	45	NE
Hourly Means.	° 39 NEbN	° 39 NEbN	° 39 NEbN	° 39 NEbN	° 39 NEbN	° 39 NEbN	° 36 NEbN	° 34 NEbN	° 28 NNE	° 16 NbE	° 8 NbE	° 5 N	° 1 N	° 1 N	° 5 N	° 10 NbE	° 23 NNE	° 28 NNE	° 48 NE	° 49 NE	° 52 NEbE	° 50 NE	° 51 NEbE	° 52 NEbE	° 30	NEbN
No. of Observations, with the Wind in each Quarter. N W	1	1	2	2	2	5	4	4	6	9	14	14	15	14	12	10	5	2	3	3	2	1	1	1	133	Obs. N W
S W	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	„ S W
S E	0	0	1	1	0	0	2	1	0	1	2	1	1	1	1	1	0	2	1	1	1	1	1	1	21	„ S E
N E	29	29	27	27	28	25	24	25	24	20	14	15	14	15	17	19	25	26	26	26	27	27	27	27	563	„ N E

* The Observations of 28th are rejected from the hourly and daily Means.

FORCE OF THE WIND. NOVEMBER 1855.

Day	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00
2	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·22	·17	·35	·37	·35	·10	·04	·07
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·35	·10	·00	·00	·02
4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·15	·17	·25	·22	·30	·05
8	·02	·10	·00	·15	·00	·00	·00	·00	·08	·00	·00	·00	·00	·00	·01	·02	·00	·00	·00	·00	·04	·00	·00	·00	·02
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·03	·13	·00	·00	·01
10	·00	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·12	·00	·05	·00	·05	·01
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·03	·00	·00	·04	·02	·00	·00
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·05	·02	·00	·00	·00	·01
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·01	·03	·02	·00	·00
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·03	·02	·05	·02	·01
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·25	·27	·30	·10	·05	·04
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·25	·46	·50	·10	·00	·00	·05
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·30	·10	·00	·12	·15	·00	·00	·00	·03
21	·01	·00	·00	·00	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	·00	·00	·30	·15	·45	·65	·40	·30	·10	·10
22	·00	·01	·00	·00	·01	·00	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·01	·00	·01	·00	·00	·00	·00	·00
23	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·10	·00	·01	·05	·00	·15	·08	·10	·02
24	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·02	·01	·00	·00
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·10	·02	·01	·00	·00	·00	·01
26	·00	·00	·00	·00	·00	·00	00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·25	·28	·42	·65	·60	·52	·30	·25	·14
27	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·35	·48	·37	·46	·52	·09
*28	·30	·15	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	Board Stopped.			—	?
29	·32	·17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·50	·65	·62	·70	1·60	1·30	1·00	·28
30	·80	·72	·65	·50	·45	·42	·40	·37	·10	·02	·15	·30	·12	·15	·02	·00	·00	·65	1·10	1·15	1·35	1·32	1·40	0·75	·54
Means.	·04	·03	·02	·02	·02	·01	·01	·01	·01	·00	·01	·01	·00	·01	·00	·01	·02	·07	·11	·17	·20	·20	·15	·11	·05

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the Instrument.

* Observations of 28th are rejected from the hourly and daily Means.

DIRECTION AND FORCE OF THE WIND.

DIRECTION OF THE WIND. DECEMBER 1855.

Gottingen Mean Time.	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means	Mean Direction.
Madras Mean Time.	P.M. h. m. 4.41	h. m. 5.41	h. m. 6.41	h. m. 7.41	h. m. 8.41	h. m. 9.41	h. m. 10.41	h. m. 11.41	h. m. 12.41	h. m. 13.41	h. m. 14.41	h. m. 15.41	h. m. 16.41	h. m. 17.41	h. m. 18.41	h. m. 19.41	h. m. 20.41	h. m. 21.41	h. m. 22.41	h. m. 23.41	h. m. 0.41	h. m. 1.41	h. m. 2.41	h. m. 3.41		
	Parts.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	p.	°	
1	4	3	3	4	4	3	3	3	4	4	5	4	5	5	5	7	5	5	5	6	9	7	6	6	54	NEbyE
*2	5	5	5	5	5	7	7	7	7	9	7	8	5	25	16	10	29	24	22	30	31	0	2	1	?	?
3	31	31	30	0	1	0	0	0	0	0	0	0	0	4	5	5	10	11	9	5	7	6	5	5	32	NEbyN
*4	5	5	5	5	5	5	5	5	5	4	4	1	0	0	24	13	13	8	7	8	Board Stopped.			—	?	?
5	8	8	8	8	5	0	9	4	0	0	0	0	0	27	2	5	6	8	8	8	8	8	8	8	53	NEbyE
6	1	1	2	2	2	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	38	NEbyN
7	2	2	2	1	1	2	1	1	1	1	1	1	0	29	0	0	0	0	0	1	0	1	1	31	7	NbyE
8	2	2	2	2	2	2	3	3	4	3	30	29	28	28	28	28	5	6	6	7	8	6	4	4	23	NNE
9	29	29	29	29	29	30	30	30	30	30	30	30	24	24	24	29	30	31	31	31	31	31	31	31	330	NWbyN
10	30	30	30	31	31	31	31	0	0	0	0	29	28	28	28	28	29	30	30	30	31	31	1	0	342	NNW
11	4	4	3	4	4	4	4	2	0	29	29	29	29	29	29	29	31	0	3	4	4	3	3	3	13	NbyE
12	0	0	0	31	0	1	•1	29	29	29	29	29	29	29	29	29	29	1	4	5	4	4	4	4	359	N
13	3	2	2	2	2	2	2	2	2	0	0	28	28	28	28	28	28	28	30	0	4	3	2	2	0	N
14	0	0	31	31	31	0	0	0	0	0	0	0	0	0	28	28	28	28	0	1	1	0	1	1	353	Nbyw
15	0	0	0	0	31	31	31	31	27	27	27	27	27	27	27	27	30	31	0	0	31	31	31	31	336	NNW
16	2	1	2	2	2	3	3	4	4	4	4	5	5	5	30	30	4	4	4	4	4	4	4	4	35	NEbyN
17	1	1	0	0	0	1	1	3	4	4	4	4	4	2	1	30	1	2	1	1	1	1	1	0	17	NNE
18	0	0	0	0	1	1	1	1	1	29	29	29	29	29	29	29	3	3	3	4	4	3	3	4	5	N
19	0	0	0	0	0	0	0	0	0	3	4	4	4	3	2	28	28	2	2	2	2	2	2	2	12	NbyE
20	0	0	0	0	0	0	30	30	30	30	30	0	29	28	26	27	29	30	2	1	2	1	0	0	347	Nbyw
21	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	5	6	5	5	5	4	4	4	4	27	NNE
22	5	5	5	5	5	4	0	0	0	1	0	1	1	3	2	2	3	4	1	4	5	5	5	6	34	NEbyN
23	8	8	5	4	6	7	7	7	7	7	7	7	7	7	5	2	7	7	8	7	7	7	7	7	74	EbyN
24	7	7	7	7	8	7	7	7	7	3	3	3	3	4	4	4	5	6	6	6	7	7	8	9	67	ENE
25	4	4	4	4	4	4	4	4	4	2	2	2	1	1	1	1	2	2	6	8	7	5	5	6	41	NE
26	3	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	7	6	6	7	7	7	6	38	NEbyN
27	5	5	5	5	5	5	5	5	2	2	4	2	2	1	0	31	3	4	5	4	3	3	4	4	38	NEbyN
28	4	4	5	4	3	2	3	4	0	0	1	1	1	1	2	2	3	3	4	5	4	4	4	4	32	NEbyN
29	5	4	4	4	4	4	4	1	1	2	2	3	3	3	3	3	3	3	6	6	5	4	4	4	40	NE
30	6	6	6	5	5	5	8	8	8	8	9	9	7	7	7	8	8	8	7	7	8	5	5	5	78	EbyN
31	6	6	7	8	8	8	8	8	7	7	8	8	8	8	8	8	8	6	7	7	7	7	8	7	83	EbyN
Hourly Means.	30° NEbN	29° NEbN	28° NNE	28° NNE	27° NNE	25° NNE	29° NEbN	26° NNE	20° NNE	14° NbE	15° NbE	12° NbE	6° NbE	5° N	2° N	3° N	24° NNE	34° NEbN	42° NE	45° NE	48° NE	42° NE	42° NE	41° NE	25°	NNE
No. of Observations, with the wind in each Quarter. NW	3	3	4	4	4	3	4	4	4	6	7	8	9	12	12	14	10	7	3	3	4	3	2	3	136	Obs. NW
SW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2	" SW
SE	1	2	1	2	2	1	2	2	1	1	2	3	1	1	1	4	4	4	3	3	4	1	3	2	51	" SE
NE	27	26	26	25	25	27	25	25	26	24	22	20	21	18	17	13	17	20	24	25	22	26	25	25	551	" NE

* The Observations of 2nd and 4th are rejected from the hourly and daily Means.

FORCE OF THE WIND. DECEMBER 1855.

Day	Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Daily Means
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1	0·75	1·00	0·35	1·45	0·65	0·45	0·62	0·60	0·30	0·30	0·25	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·10	0·15	0·00	0·00	0·00	0·00	0·29
2	·00	0·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
3	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
*4	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	Board Stopped.			—	?
5	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
6	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
7	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·03	·02	·02	·03	·02	·01
8	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
9	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
11	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
12	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
13	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
14	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
15	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·02	·00	·00
16	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·00	·00	·01	·01	·00	·00	·00
17	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·03	·12	·18	·20	·02	·03
18	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·03	·10	·12	·00	·02	·05	·00	·01
19	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·05	·07	·12	·01
20	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·08	·10	·10	·07	·05	·02
21	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·02	·00	·00	·02	·00	·00	·00	·01
22	·02	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·00
23	·15	·13	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·01	·12	·25	·38	·42	·30	·27	·15	·09
24	·05	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·02	·05	·01	·00	·00	·01
25	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
26	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·07	·05	·12	·05	·05	·00	·02	·02
27	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00
28	·27	·10	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·05	·25	·22	·40	·35	·65	·95	·50	·16
29	·65	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·10	·37	1·25	1·35	1·40	1·45	1·10	·32
30	2·05	1·10	1·30	1·00	·85	·60	1·20	·30	·00	·45	·00	·35	·00	·00	·00	·00	·00	·00	·40	0·45	0·80	0·48	0·20	0·13	·49
31	0·15	0·12	0·10	0·10	·12	·15	0·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·00	·15	·35	·25	·00	·08
Means.	·16	·08	·06	·09	·05	·04	·06	·03	·01	·03	·01	·01	·00	·00	·00	·00	·01	·02	·05	·10	·12	·12	·12	·07	·05

The force is given in pounds and decimals of a pound on one square foot. The entry ·00 denotes calms or pressures too small to overcome the inertia of the instrument.

* The Observations of 4th are rejected from the hourly and daily Means.

DEPTH OF RAIN AND EVAPORATION IN INCHES.

FALL OF RAIN FOR 1855.

Day	January Night	January Day	February Night	February Day	March Night	March Day	April Night	April Day	May Night	May Day	June Night	June Day	July Night	July Day	August Night	August Day	September Night	September Day	October Night	October Day	November Night	November Day	December Night	December Day
	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.
1	—	—	—	—	—	—	—	—	—	—	—	0·270	—	—	0·220	—	—	—	—	0·480	—	—	0·188	0·730
2	—	0·403	—	—	—	—	—	—	—	—	—	—	—	—	·110	—	—	—	2·610	—	—	—	·455	3·070
3	0·062	—	—	—	—	0·260	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·230	—
4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·038	—	—	0·010	—	—	0·010	—	—	0·09
5	·069	·200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1·370	·918
6	—	—	—	—	—	—	—	—	—	—	—	—	0·009	—	—	—	0·037	—	—	·450	—	—	—	—
7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·640	·520	—	—	—	—
8	—	—	—	—	—	—	—	—	—	—	—	—	·503	—	—	—	·900	—	—	—	·770	—	—	·052
9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·804	·139	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·020	·310	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	—	—	·025	—	—	—	—	—	—	·175	·025	—	—	—	—
12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	—	—	—	·023	—	—	—	1·395	—	—	·040	—	—	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—	·035	—	·140	—	—	—	·440	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—	·028	—	—	·040	—	—	·111	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	—	—	—	·010	0·333	—	—	—	—	—	—	—	—	—	—
17	—	·120	—	—	—	—	—	—	—	—	0·240	—	—	—	—	—	—	—	—	·015	—	—	—	—
18	—	—	0·025	0·100	—	—	—	—	—	—	—	—	·064	—	—	—	—	—	1·420	·160	—	—	—	—
19	—	·070	—	—	—	—	—	—	—	—	—	—	·293	—	—	—	—	—	·380	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	·023	·067	—	—	—	—	·007	—	—	—	—	—
21	—	—	—	—	—	—	—	0·071	—	—	—	—	·700	—	·120	—	—	—	·620	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	—	—	—	·600	—	—	—	—	—	·140	·882	—	—	—	·195
23	—	—	—	·551	—	—	—	—	—	—	—	—	—	—	·120	·124	0·570	—	—	—	—	—	0·032	—
24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·800	·010	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	·185	—	—	—	·602	—	·005	·006	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	—	·036	—	·015	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	·130	—	—	—	·390	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	—	·340	—	·015	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	—	·020	—	—	·025	—	·002	—	—	—	—	·016	—	—	—
30	·010	—	—	—	—	—	—	—	—	—	—	—	—	·120	—	—	—	—	—	—	·142	0·365	1·190	—
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0·028	·520
Sums.	0·141	0·798	0·025	0·651	—	0·260	—	0·071	—	—	0·821	0·295	2·116	0·568	1·480	0·166	3·707	0·046	7·243	3·370	1·107	0·365	3·513	5·575

EVAPORATION FOR 1855.

Day	January Night	January Day	February Night	February Day	March Night	March Day	April Night	April Day	May Night	May Day	June Night	June Day	July Night	July Day	August Night	August Day	September Night	September Day	October Night	October Day	November Night	November Day	December Night	December Day
	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch	Inch.	Inch	Inch.	Inch.	Inch	Inch	Inch.	Inch.	Inch	Inch	Inch.	Inch.	Inch.	Inch	Inch.	Inch.
1	0·013	0·153	0·017	0·250	0·030	0·278	0·032	0·347	0·040	0·380	0·100	0·480	0·090	0·540	covd.	0·402	0·030	0·479	0·019	0·348	0·020	0·110	covd.	covd.
2	·015	·023	·007	·240	·025	·245	·023	·370	·032	·380	·088	·557	·058	·490	covd.	·445	·045	·419	covd.	·240	·023	·293	do.	do.
3	covd.	·197	·010	·255	·026	·295	·035	·373	·033	·375	·102	·576	·055	·407	·021	·400	·038	·267	·010	·230	·033	·205	do.	0·160
4	·033	·088	·015	·210	·013	·217	·030	·340	·035	·311	·073	·483	·043	·520	·040	·356	·025	·275	·025	·060	·027	·203	0·003	·010
5	·021	·093	·018	·212	·020	·285	·025	·355	·037	·420	·073	·458	·052	·417	·060	·450	·035	·380	—·014	·195	·030	·230	covd.	·025
6	·012	·130	·020	·207	·020	·287	·021	·357	·022	·438	·070	·452	·037	·347	·028	·490	·015	·403	·028	covd	·030	·300	·015	·190
7	·007	·180	·013	·205	·022	·275	·020	·335	·030	·417	·070	·483	·037	·340	·047	·490	·035	·420	covd.	covd.	·008	·170	·022	·210
8	·008	·198	·014	·277	·010	·280	·035	·358	·030	·358	·080	·483	·035	·375	·039	·480	·015	·215	·020	·240	covd.	·164	·037	·190
9	·005	·192	·019	·297	·020	·279	·022	·370	·038	·375	·084	·470	·037	·397	·032	·520	·020	·315	·010	·070	·000	·205	·019	·210
10	·010	·210	·020	·222	·027	·285	·037	·349	·042	·433	·069	·435	·033	·560	·033	·430	·027	·207	·007	·090	—·003	·243	·021	·180
11	·010	·243	·018	·230	·023	·279	·030	·290	·041	·377	·063	·390	·037	·412	·043	·422	·030	·390	·003	·118	·022	·278	·005	·310
12	·012	·251	·023	·250	·020	·293	·035	·263	·037	·420	·033	·398	·047	·347	·028	·262	·030	·340	·007	·195	·010	·250	—·006	·197
13	·018	·215	·020	·255	·020	·302	·032	·365	·040	·443	·040	·362	·033	·390	·035	·341	·014	·233	·047	·037	·016	·280	—·004	·204
14	·003	·207	·017	·260	·022	·303	·020	·395	·040	·427	·064	·429	·027	·417	covd.	·332	·030	·253	covd.	·247	·010	·273	—·003	·185
15	·010	·210	·016	·257	·024	·316	·038	·328	·043	·458	·059	·460	·037	·180	·027	·177	·030	·310	·020	·265	·015	·280	—·007	·215
16	·007	·210	·023	·270	·032	·275	·036	·363	·047	·400	·043	·320	·042	·332	·012	·400	·032	·337	·008	·249	·025	·290	·021	·213
17	·014	·070	·023	·245	·029	·290	·023	·402	·042	·387	·033	·275	·020	·173	·010	·348	·033	·317	·020	·087	·021	·340	·022	·228
18	·010	·055	·020	·097	·018	·304	·045	·363	·060	·507	·044	·400	·032	·316	·019	·380	·036	·352	·007	·110	·010	·250	·013	·217
19	·012	·140	covd.	·257	·031	·309	·027	·396	·070	·443	·053	·450	·029	·412	·038	·418	·037	·422	covd.	·188	·015	·310	·021	·253
20	·020	·230	·015	·274	·027	·330	·024	·358	·042	·500	·065	·420	·038	·288	·040	·390	·034	·350	covd.	·270	·023	·245	—·005	·215
21	·021	·197	·023	·295	·026	·348	·027	·347	·052	·538	·070	·446	covd.	·180	·050	·340	·030	·346	·012	·090	·022	·293	—·005	·217
22	·015	·190	·015	·273	·030	·357	·030	·366	·050	·512	·068	·243	·014	·285	·057	·515	·017	·400	·010	·180	·020	·333	·010	covd.
23	·010	·267	·018	·190	·031	·340	·032	·363	·053	·437	·043	·480	·055	·430	·042	·253	·033	·313	·008	·140	·020	·273	·012	·187
24	·005	·229	·020	·185	·029	·337	·032	·373	·078	·513	·046	·439	·062	·398	·023	·373	covd.	·153	·004	·180	·018	·370	·021	·160
25	·010	·255	·025	·233	·024	·330	·038	·383	·098	·517	·047	·520	·050	·465	·023	·430	·021	·199	·012	·100	·030	·310	—·004	·207
26	·018	·246	·021	·303	·017	·337	·033	·418	·088	·520	·060	·343	·025	·510	·072	·435	·019	·258	·010	·200	·014	·360	·007	·180
27	·010	·210	·027	·345	·030	·327	·034	·413	·095	·789	·044	·403	·068	·515	·028	·280	·015	·302	covd.	·030	·047	·208	·018	·283
28	·013	·251	·020	·260	·030	·268	·050	·398	·100	·453	·055	·298	·045	·405	·068	·417	·023	·248	—·015	·235	·024	·245	·019	·310
29	·024	·280			·024	·323	·033	·393	·055	·503	·058	·082	·062	·450	·060	·390	·010	·170	—·014	·310	·024	·310	·017	·033
30	·020	·290			·030	·346	·032	·350	·060	·557	·060	·507	·056	·359	·028	·445	·010	·205	—·008	·268	·003	covd.	covd.	·144
31	·023	·241			·033	·353			·080	·580			·052	·420	·045	·460			·010	·243			·021	covd.
Means.	·014	·192	·018	·241	·025	·303	·030	·364	·053	·457	·062	·418	·044	·390	·037	·396	·028	·309	·009	·181	·020	·264	·011	·186

TOTAL RAIN IN EACH MONTH.

1855.	Night.	Day.	Total.
	Inches.	Inches.	Inches.
January, ...	0·141	0·798	0·939
February,...	0·025	·651	·676
March,...	—	·260	·260
April	—	·071	·071
May, ...	—	—	—
June, ...	0·821	0·295	1·116
July, ...	2·116	0·568	2·684
August, ...	1·480	0·166	1·646
September, ...	3·707	0·046	3·753
October, ...	7·243	3·370	10·619
November, ...	1·107	0·365	1·472
December, ...	3·513	5·575	9·088
Total......	20·153	12·171	32·324

MEAN DAILY EVAPORATION IN EACH MONTH.

1855.	Night.	Day.	Total.
	Inches.	Inches.	Inches.
January, ...	0·014	0·192	0·206
February, ...	·018	·241	·259
March,...	·025	·303	·328
April, ...	·030	·364	·394
May, ...	·053	·457	·510
June, ...	·062	·418	·480
July, ...	·044	·390	·434
August, ...	·037	·396	·433
September, ...	·028	·309	·337
October, ...	·009	·181	·190
November, ...	·020	·264	·284
December,...	·011	·186	·197
Sums......	0·351	3·701	4·052
Means......	0·029	0·308	0·338

In the evaporation—quantity denotes dew.

REMARKS ON THE WEATHER FOR THE MONTH OF JANUARY 1855.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	cu, hz,	3	cr-st, cr-hz,	1	cr-st, cr-hz,	1	cu, cu-st, cr-hz,	6	cr-cu, cr-st, hz,	4	cu, cr-co, cr, D,	3
2	cu, cr, cr-st,	6	ovt,	8	ovt,	8	ny-ovt, lg, th,	7	ny-ovt,	7	ny-ovt,	7
3	ovt,	8	ny-ovt, R,	7	ny-ovt, D,	7	do.	7	ovt,	8	ovt,	8
4	cu-hor,	2	fl-cu,	2	fl-cu, hz,	4	fl-cu, cu-st, hz,	5	fl-cu, cu-st,	4	fl-cu, nim,	7
5	cu, cr-cu, hz,	8	fl-cu, hz, nim,	8	ovt, lt-R,	8	ny-ovt,	7	fl-cu, cu-st, cr-hz,	6	fl-cu, cu-st, cr-hz,	3
6	sc-cu, lt-hz,	4	cu-st, hz,	1	cr-cu, cu-st, cr-hz,	5	cu, cr-cu, hz,	6	cu-hor, fg,	2	...	...
7	...	...	...	...	...	...	...	...	...	...	clear, D,	0
8	cu, cr-hz,	2	ny-clear,	0	ny-clear,	0	ny-clear,	0	fl-cu,	4	cu, cu-st, nim,	7
9	cu-hor,	1	cu, cr-st, hz,	1	cu, cr-st, hz,	3	do.	0	clear,	0	sc-cu,	1
10	cu, cr-hz, cr-st,	2	cu, cr-hz, cr-st,	3	cr-st, hz,	2	cr-st, hz,	2	cr, cu, D,	2	do. D,	2
1	cr, cr-st, cu,	4	cr, cr-hz, cu,	3	do.	1	ny-clear,	0	cu, cr, cr-hz,	3	ny-clear,	0
2	clear,	0	cu,	1	cu, hz,	2	cu-st, hz,	3	cu, hz,	2	cu, hz,	1
3	cr-cu, lt-hz,	2	cu-st, cr-cu,	5	sc-cu, cr-st, hz,	4	sc-cu, cr-st, hz,	4	sc-cu, cr-st, hz,	3	...	...
4	...	...	...	...	...	...	...	...	...	...	clear, D,	0
5	cu, hz,	2	ny-clear,	0	clear,	0	clear, D,	0	clear,	0	do.	0
6	clear,	0	clear,	0	do.	0	do.	0	do.	0	do.	0
7	cu-hor,	1	sc-cu, hz,	2	fl-cu,	3	cu, hz,	3	ny-ovt,	7	cu, cr-hz,	3
8	ovt.	8	cu, cu-st, nim,	8	cu, cu-st, nim,	7	ovt,	8	ovt,	8	ovt,	8
9	do.	8	ny-ovt,	7	cu, cr-hz, nim,	7	do.	8	ny-ovt,	7	d-cr-hz, cr-cu,	6
20	do.	8	cu, d-hz,	6	ny-ovt,	8	cu, hz,	5	cu, hz,	3	...	...
1	...	...	...	...	...	...	...	...	...	...	clear, D,	0
2	cu-hor,	1	fl-cu, hz,	2	fl-cu, hz,	2	fl cu,	2	clear,	0	do.	0
3	do.	2	fl-cu,	2	fl-cu,	4	do.	2	do.	0	do. D,	0
4	do.	1	fl-cu, hz,	3	fl-cu, hz,	2	do.	4	do.	0	do. D,	0
5	sc-cu,	3	cu, cr-st, hz,	1	cu, cu-st, cr-hz, D,	3	cu, cu-st, cr-hz, D,	3	cu-hor, D,	2	do. D,	0
6	clear,	0	clear,	0	clear, D,	0	clear, D,	0	clear, D,	0	do. D,	0
7	lt-hz, cr, cu,	3	cu, cr-st, hz,	1	fl-cu, hz,	3	fl-cu, hz,	3	sc-cu,	1	...	...
8	...	...	...	...	...	...	...	...	...	...	cu hor, D,	1
9	cu-hor,	1	ny-clear,	0	fl-cu,	2	do.	3	do.	2	sc-cu,	2
30	cu, nim,	5	cu, hz,	2	cu, cu-st,	6	cu, cu-st,	4	fl-cu, nim,	6	fl-cu, nim,	7
1	cu-hor,	1	fl-cu,	3	fl-cu,	2	fl-cu, cu-st, hz,	3	clear,	0	sc-cu,	1

REMARKS ON THE WEATHER FOR THE MONTH OF FEBRUARY 1855.

Date.	NOON	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	cu-hor,	1	cu, hz,	2	cu,	2	fl-cu, cu-st, hz,	4	cu, cr-cu,	2	cu, cr-cu,	2
2	clear,	0	clear,	0	ny-clear,	0	fl-cu, hz,	2	clear, D.	0	clear, D,	0
3	do.	0	do.	0	clear,	0	fl-cu, hz,	1	fl-cu, hz, D,	2	...	...
4	...	...	...	...	...	...	...	...	...	...	sc-cu,	3
5	cr-hz, cr-st,	5	cr-hz, cr-st,	2	cu, cr-st, hz,	3	cu, cu-st, cr-st, cr-hz,	3	cu, cu-st, cr-hz.	6	cu, cu-st, cr-hz,	5
6	cu, cr-hz,	2	cu, cr-st, hz,	4	cu, cr-st, hz,	3	cu, hz,	3	fl-cu, cu-st, cr-hz,	4	sc-cu,	3
7	sc-cu, hz,	3	fl-cu, cr-st, hz,	2	clear,	0	fl-cu, hz,	3	cu, cu-st, cr hz,	4	clear,	0
8	sc-cu,	1	lt-cu, cr-cu, cr-hz,	2	ny-clear,	0	ny-clear	0	clear,	0	do, D,	0
9	clear,	0	clear,	0	fl-cu,	1	cu, cr-hz,	2	cu, cu-st, cr-hz,	4	cu, cr-cu, hz,	3
10	do.	0	cu, cr-st, hz,	2	cu, cr-st, hz,	3	cu, cu-st,	7	do, nim,	6	...	...
1	...	...	...	...	...	...	...	...	...	...	sc-cu,	3
2	fl-cu, hz,	2	cu, cu-st, cr-st,	3	cu, cu-st, cr-st,	1	lt-cu,	1	cu, cr-hz, D,	2	cu, cr-hz, D,	2
3	cu-hor,	1	cu, cu-st, cr-hz,	3	cu, cu-st, cr-hz,	2	lt-cu, cr-st, hz,	2	cu, cu-st, hz,	3	cu, cu-st. D,	2
4	sc-cu,	1	fl-cu, cu-st, hz,	3	fl-cu, D,	1	fl-cu, D.	3	ny-clear,	0	ny-clear,	0
5	cr-hz, cr-st,	1	hz,	1	clear,	0	clear, D,	0	clear, D,	0	cu, hz, D,	2
6	ny-clear,	0	ny-clear,	0	ny-clear,	0	do, D,	0	do. D,	0	clear, D,	0
7	sc-cu,	1	sc-cu,	1	sc-cu,	1	cu-st, cr-hz,	3	ny-clear,	0	...	...
8	...	...	...	...	...	...	...	...	...	...	cu, cu-st, nim,	6
9	cu, cr-cu, cr-hz,	6	cu, cr-st, hz, lg-W, SW,	6	cu, cr-st, hz, lg-W, SW,	7	cu, cu-st, cr-hz, lg,	8	cu, cu-st, cr-hz, nim,	8	cu, cu-st, cr-hz, nim,	7
20	cu, hz,	1	ny-clear,	0	fl-cu, hz, lg-N,	2	fl-cu, cr-st, hz, lg-W.	2	cu, cr-st, hz,	2	cu, cr-cu, hz,	2
1	cu, cr, cr-hz,	1	cu, cr-st, hz, lg-NW	5	cu, cu-st, hz,	5	cu, cr-st, hz, lg-N,	3	clear,	0	fl-cu, hz,	3
2	cr, cr-hz, cu,	3	lt-cu, cr-st, hz, lg-W,	1	cr-st, hz,	2	cu, cr-st, hz,	4	cu, cu-st, cr-hz, nim,	3	cu, cu-st, cr-st,	4
3	cu, hz,	1	cu, cr-st, hz, lg-W,	2	cu,	1	cr-cu, cr-st, cr-hz,	3	cu-hor, lg-W,	2	cu, cr-hz, lg-NW,	2
4	cu-hor,	1	cu, cr-hz,	3	cu, cr-st, hz,	5	cu, cr-cu, hz,	6	cu, cr-cu, hz,	7	...	...
5	...	...	...	...	...	...	...	...	...	...	cu, nim,	3
6	fl-cu, hz,	2	cr-cu, cu-st, hz,	6	cr-cu, cu-st, hz,	7	cu-st, cr-cu, cr-hz,	7	ovt,	8	cu, cr-cu,	6
7	sc-cu,	2	sc-cu,	3	hy-cu, cu-st, nim, R,	4	cu, cr-st, hz,	2	clear,	0	cu-hor,	2
8	sc-cu, hz,	1	sc-cu, hz,	2	sc-cu, hz,	3	fl-cu, hz,	3	cu, cu-st,	2	cu, cu-st,	2

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard ......around
- cld......clouds or cloudy
- cr or cir...cirri or cirro or cirrous
- cu......cumuli or cumulo
- D......Dew
- d......dense
- dis......distant
- dt......detached
- E......East
- fg......fog
- fk......forked
- fl......flying
- fr......frequent
- g......ground
- hy......heavy
- hl......halo
- hor......horizon
- hz......haze or hazy
- ld......loud
- lg......lightning
- lt......light
- mt......meteor
- N......North
- nim......nimbi
- ny......nearly
- ovd......overhead
- ovt......overcast
- ps......patch
- pt......part or partly or partial
- R......Rain
- r-b......rain-bow
- S......South
- sc......scattered
- sh......sheet
- st......stratus
- th......thunder
- thi......thick
- v......very
- viv......vivid
- W......West

REMARKS ON THE WEATHER FOR THE MONTH OF JANUARY 1855.

Date.	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers. Radiations. Sol.	Ter.	Air. Max.	Min.
1	cu, cr-cu, cr-st,	6	cu, cr-cu, nim,	3	cu, cr, cr-hz,	3	sc-cu, cr-hz,	3	sc-cu, cr-hz,	4	cu, cu-st, cr-st,	5	131·6	66·2	80·9	71·2
2	ovt,	8	ovt,	8	ovt, R,	8	hy-cu, nim,	8	fl-cu, nim,	5	fl-cu, nim,	5	ovt.	72·3	80·2	74·4
3	do.	8	ny-ovt,	[illegible]	ny-ovt,	7	cu, cr-cu,	7	fl-cu, hz,	4	cu-hor,	2	124·8	75·3	82·3	73·2
4	fl-cu, nim,	6	fl-cu, hz,	4	fl-cu, hz,	3	fl-cu, cu-st,	5	fl-cu, cu-st,	7	fl-cu, cu-st, nim,	7	136·7	71·0	83·6	75·1
5	fl-cu, cu-st, cr-hz, nim,	6	fl-cu, cu-st, cr-hz,	3	cu, cr-cu, cr-hz,	3	ovt, lt,	5	ny-ovt,	8	cr-cu, cu, cr-hz,	5	133·0	72·3	82·0	73·3
6	...	...	...	...	...	...	...	...	...	...	...	...	133·3	70·3	83·6	73·4
7	clear, D,	0	cu, hz, D,	4	cu, cu-st, cr-hz,	3	cu, cu-st, cr-hz,	5	cu, cu-st, cr-hz,	4	cu, hz,	2	135·5	71·6	85·6	75·3
8	cu-hor,	3	cu, cu-st, nim,	5	fl-cu, cu-st, nim,	2	fl-cu, cu-st,	6	do.	4	cu-hor,	1	127·5	71·2	84·7	75·3
9	sc-cu, D,	2	cu-hor, D,	2	cu, cu-st, cr-hz,	4	cu, cu-st, cr-hz, nim,	5	do.	4	cu, cr-hz, cr-st,	3	130·5	68·5	83·2	73·3
10	cu, hz, fg,	3	cu, cr-cu, fg,	6	cu, cr-cu,	2	fl-cu, cu-st, cr-hz,	5	fl-cu, cu-st, cr-hz,	4	cu, hz,	2	125·5	66·3	84·9	73·6
11	do.	1	cr-st, hz,	2	ny-clear,	0	ny-clear,	0	sc-cu,	2	do.	2	127·3	66·3	85·6	72·4
12	sc-cu, D,	2	sc-cu,	2	clear,	0	sc-cu,	1	sc-cu, hz,	2	sc-cu, cu-st, hz,	3	126·8	67·0	85·4	73·3
13	...	...	...	...	...	...	...	...	...	...	...	...	137·5	67·2	84·8	72·3
14	clear, D,	0	cr-cu, hz, D,	2	dt-cu,	1	cu, cr, cr-cu,	6	fl-cu, cu-st, hz,	5	fl-cu, cu-st, hz,	4	135·5	66·0	82·2	71·2
15	do, D,	0	clear, D,	0	ny-clear,	0	ny-clear,	0	ny-clear,	0	clear,	0	143·5	59·7	81·6	67·7
16	do, D,	0	sc-cu,	1	sc-cu-hor,	1	cu, cu-st, cr-hz,	3	fl-cu, cu-st, cr-hz,	3	cu-hor,	1	135·0	62·2	83·7	69·5
17	cu, nim, lt-R,	8	fl-cu, nim,	2	ovt, lt-R,	8	ovt,	5	ny-ovt.	2	ny-ovt,	7	105·5	70·1	83·5	74·6
18	cu, cr-hz, nim,	6	cu, cr-cu,	2	ny-ovt,	7	do.	5	ovt,	8	ovt,	8	ovt.	75·7	82·2	76·2
19	d-cr-hz, cr-cu,	4	fl-cu, nim,	4	fl-cu, cu-st, cr-hz,	6	fl-cu, cu-st, cr-hz,	5	ny-ovt, lt-R,	7	ny-ovt,	7	128·8	75·3	83·4	75·3
20	...	...	...	...	...	...	...	...	...	...	...	...	130·2	71·8	83·1	77·1
21	cu-hor,	1	fl-cu, nim,	2	cu, cu-st, cr-hz, nim,	4	cu, cu-st, cr-hz,	4	fl-cu, cu-st, cr-hz,	3	cu, hz,	2	130·5	69·8	83·1	75·3
22	clear, D,	0	cu, cr-cu, D,	2	cu, cu-st, cr-hz,	3	cu, cu-st, cr-hz,	4	cu, cu-st, cr-hz,	4	do.	4	129·5	61·3	82·3	69·1
23	do, D,	0	ny-clear, D,	[illegible]	do.	2	do.	3	do.	4	do.	4	132·3	57·8	82·4	68·1
24	do, D,	0	do.	0	sc-cu, hz,	2	fl-cu,	4	sc-cu,	2	sc-cu,	3	130·7	60·0	81·3	67·6
25	do, D,	0	clear, D,	0	cu, cr-cu, cr-hz,	3	cu, cu-st, cr-hz,	3	cu, cu-st, cr-hz,	2	ny-clear,	0	137·5	59·4	80·5	66·7
26	do, D,	0	do, D,	0	cu, cu-st, cr-hz,	2	do.	3	do.	3	cu, cr,	1	130·5	59·1	81·3	64·4
27	...	...	...	...	...	...	...	...	...	...	...	...	130·5	61·6	81·5	67·4
28	ny-clear, D,	0	ny clear, D,	0	sc-cu,	1	sc-cu,	1	sc-cu,	2	cu, cr-hz,	2	130·5	61·3	82·2	68·1
29	clear, D,	0	sc-cu, cu-st,	2	fl-cu,	3	fl-cu,	3	cu, cu-st, cr	3	cu hor,	2	122·0	66·3	81·3	73·3
30	ovt,	8	cu-hor,	3	cu-hor,	2	sc-cu, cr-cu, cr,	2	sc-cu,	2	do.	2	134·5	67·6	82·5	75·0
31	sc cu,	1	do.	1	cu, cu-st, cr-hz,	3	fl-cu, cu-st, cr-hz,	3	fl-cu, cu-st, cr-hz,	4	do.	2	127·5	69·7	82·0	69·5

REMARKS ON THE WEATHER FOR THE MONTH OF FEBRUARY 1855.

Date.	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Sol.	Ter.	Max.	Min.
1	cu, cr-cu, D,	2	cu-hor,	5	cu-hor,	2	sc-cu, cu-st, cr,	2	sc-cu-hor,	1	clear,	0	131·0	58·2	81·4	68·6
2	clear, D,	0	clear, D,	0	do.	2	sc-cu, cu-st, cr-hz,	3	ny-clear,	0	do.	0	125·5	57·8	82·4	67·0
3	...	...	...	...	...	...	...	...	...	...	...	...	127·5	62·5	84·4	70·7
4	fl-cu, D,	3	fl-cu, D,	4	cu, cr-hz,	2	fl-cu, cu-st,	4	cu, cr-hz,	4	cu, cr-hz,	3	131·0	62·2	83·1	69·1
5	fl-cu, cu-st,	5	fl-cu, nim,	6	fl-cu, nim,	6	sc-cu,	3	do.	5	do.	2	132·0	69·0	83·3	76·7
6	sc-cu, cu-st, cr-hz,	4	sc-cu, cu-st, cr-hz	4	do.	5	ovt,	8	cu, cu-st, nim,	6	do.	3	125·5	70·2	83·2	76·7
7	cu, cr hz,	2	sc-cu, lum,	2	sc-cu,	1	sc-cu,	3	fl-cu, hz,	4	fl-cu, hz,	2	127·5	61·8	83·0	70·4
8	clear, D,	0	clear, D,	0	clear,	0	lt-cu, cr-st, hz,	1	lt-cu, cr-st, hz,	1	ny-clear,	0	137·5	59·5	82·9	67·8
9	ny-clear, D,	0	cu, cr-cu, hz,	2	fl-cu, cu-st,	4	fl-cu, cu-st,	3	sc-cu,	1	sc-cu,	1	128·0	56·2	81·7	68·4
10	...	...	...	...	...	...	...	...	...	...	...	...	126·5	63·0	81·3	71·1
11	sc cu,	2	cu, cr-hz, cr-st,	4	cu, cr-cu,	3	sc-cu, cu-st, cr-hz,	5	sc-cu, cu-st, cr-hz,	4	cu, cu-st, cr-hz,	8	136·0	60·1	81·7	70·0
12	ny-clear,	0	sc-cu,	3	cu, cr-hz,	3	cu, cu-st, cr-hz,	4	sc-cu,	1	sc-cu,	1	131·5	59·1	82·4	68·2
13	cu, cr-hz, D,	2	cu, cr-st, D,	3	sc-cu,	3	sc-cu,	2	do.	1	do.	1	132·0	59·0	82·6	68·9
14	ny-clear,	0	cu, cr-cu,	3	ny-clear,	0	ny-clear,	0	clear,	0	clear,	0	137·5	56·8	82·5	69·0
15	clear, D,	1	fl-cu,	3	sc-cu,	3	fl-cu, cu-st,	4	fl-cu,	3	cu-hor,	2	132·5	59·7	83·8	69·1
16	do, D,	0	cu-hor,	1	ny-clear,	0	sc-cu,	3	sc-cu,	1	clear,	0	134·0	62·7	83·8	68·9
17	...	...	...	...	...	...	...	...	...	...	...	...	125·5	69·2	85·3	75·8
18	ny-ovt, R,	7	ny-ovt,	7	ovt,	8	ovt,	8	ovt, th. W, lt-R,	8	cu, cr-cu, cr-hz,	6	124·5	72·8	86·1	75·7
19	cu, cu-st, cr-hz, nim,	7	ovt,	8	cu, cr-cu, cr-hz,	4	cu, cu-st, cr-hz, nim,	4	fl-cu, cu-st,	3	fl-cu, cu-st,	4	126·0	75·2	85·0	76·7
20	ny-clear,	0	cu, cr-st, cr-hz,	2	cu, cu-st, cr-hz,	4	hy-cu, fl-cu, nim,	6	cu, cu-st, cr-hz,	3	cu, cr-hz,	1	127·5	71·6	87·3	76·0
21	cu, hz,	4	fl-cu, cu-st,	6	fl-cu, cu-st,	4	cu, hz,	4	cu, hz,	3	cu, hz,	2	122·5	69·7	87·7	76·1
22	cu-hor,	2	cu, cr-cu,	2	fl-cu, cu-st, nim,	6	fl-cu, cu-st, cr-hz,	5	ny-ovt,	7	cu, cr-hz,	2	128·0	71·3	87·0	76·2
23	cu, cr, lg-W, N,	2	ovt, hy-R, th,	8	ny-ovt,	6	cu, cr-cu, cu-st, hz,	6	cr, cr-hz, cu,	4	cu-hor,	2	124·6	72·1	86·5	77·6
24	...	...	...	...	...	...	...	...	...	...	...	...	117·7	73·3	87·1	78·2
25	ny-clear,	0	fl-cu, nim,	6	fl-cu, nim,	6	fl-cu, cu-st,	4	fl-cu, cu-st,	3	fl-cu, hz,	2	131·5	71·5	86·4	75·8
26	cu, hz,	3	cu-hor,	2	sc-cu,	3	fl-cu,	4	sc-cu,	3	sc-cu,	2	133·2	71·3	85·3	75·4
27	ny-clear,	0	sc-cu,	2	do.	3	sc-cu,	3	do.	2	sc-cu, hz,	2	129·5	66·8	85·0	74·2
28	sc-cu,	2	cu, hz,	2	fl-cu, cu-st,	4	fl-cu, cu-st,	6	fl-cu, cu-st,	4	cu, hz,	4	129·5	70·1	86·0	74·1
9																

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard ... around
cld ... clouds or cloudy
cr or cir ... cirri or cirro or cirrous
cu ... cumuli or cumulo
D ... Dew
d ... dense
dis ... distant
dt ... detached
E ... East
fg ... fog
fk ... forked
fl ... flying
fr ... frequent
g ... ground
hy ... heavy
hl ... halo
hor ... horizon
hz ... haze or hazy
ld ... loud
lg ... lightning
lt ... light
mt ... meteor
N ... North
nim ... nimbi
ny ... nearly
ovd ... overhead
ovt ... overcast
ps ... [illegible]
pt ... part or partly or partial
R ... Rain
r-b ... rain bow
S ... South
sc ... scattered
sh ... sheet
st ... strati
th ... thunder
thi ... thick
v ... very
viv ... vivid
W ... West

REMARKS ON THE WEATHER FOR THE MONTH OF MARCH 1855.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	cu, hz, ...	3	cu, hz.	1	cu, hz, ...	2	sc-cu, cr-hz,... ...	4	2-cu, cu-st, hz, ...	3	fl-cu, cr-hz, ...	4
2	cu-hor, ...	1	cu-hor, ...	1	cu, cr-st, hz, ...	2	cu, cr-st, hz, ...	3	cu, cu-st, hz, ...	3	cu, cu-st, ...	2
3	fl-cu, hz, ...	2	fl-cu, hz, ...	5	fl-cu, hz, ...	2	fl-cu, hz, ...	3	do.	2	... ...	
4	... ...		... ...		... ...		... ...		... ...		do.	3
5	cu, cu-st, ...	3	cu, cr-st, hz,... ...	2	fl-cu, cr-st, hz, ...	5	fl-cu, cr-st, hz, ...	5	fl-cu, cu-st, hz, ...	3	sc-cu, ...	1
6	fl-cu, ...	2	fl-cu, hz,... ...	3	fl-cu, hz, ...	3	fl-cu, hz,... ...	1	cu, cr-hz, ...	2	do.	2
7	sc-cu, ...	1	cr-st, hz, ...	1	do.	1	do.	5	cu, cu-st, hz, ...	3	cu, cu-st, hz, ...	2
8	clear, ...	0	cu, hz, ...	1	cu, hz, ...	1	cu, hz, ...	2	cu, hr, ...	3	do.	3
9	ny-clear, ...	0	cy-clear, ...	0	ny-clear, ...	0	fl-cu, D, ...	1	clear, ...	0	clear, ...	0
10	do.	0	cr-st, hz,... ...	2	cu, hr, ...	4	cu-st, hz, ...	7	ovr, ...	8	... ...	
1	... ...		... ...		... ...		... ...		... ...		sc-cu, cr, ...	2
2	sc-cu, lt-hz, ...	1	cr-st, lt-hz, ...	1	ny-clear, ...	0	cu, cr-st, hz, ...	2	sc-cu, cu-st, hz, ...	3	sc cu, cu-st, hz,...	4
3	cu-hor, ...	1	cu, lt-hz, ...	3	cu, lt-hz, ...	4	fl-cu, cr-st, hz, ...	3	ny-clear, ...	0	clear,...	0
4	clear, ...	0	cy-clear, ...	0	fl-cu, ...	1	cy-clear, ...	0	do.	0	do.	0
5	do.	0	do....	0	clear, ...	0	do.	0	do.	0	cy-clear,... ...	0
6	do.	0	clear, ...	0	do.	0	do.	0	cu, cu-st, cr-hz,...	4	cu, hz, ...	2
7	cu, hz, ...	2	cu, hz, ...	1	cu, hz, ...	1	fl-cu, hz, ...	3	fl-cu, hz, ...	2	... ...	
8	... ...		... ...		... ...		... ...		... ...		cu-hor, ...	2
9	cr, cr-st, cr-hz, ...	6	cr, cr-st, cr-hz, ...	4	cr-st, hz, ...	1	cr-st, hz, ...	1	sc-cu, cu-st, hz, ...	3	cu, cu-st, cr-hz, ...	2
20	cr, cr-hz, ...	4	cr-st, hz,... ...	2	do.	1	do.	2	ny-clear, ...	0	clear,...	0
1	cr, cr-hz, cr-st, ...	4	cr, cr-st, ...	2	cr, hz, ...	2	cr, hz, ...	2	clear,...	0	cu, cr-cu, ...	6
2	lt-cu, cr-st, hz. ...	3	cr-st, hz, ...	2	cr-st, hz, ...	1	cr-st, hz,... ...	1	do.	0	clear, ...	0
3	cr, cr-hz, cr-st, ...	2	cr, cr-hz, cr-st, ...	2	ny-clear, ...	0	ny-clear, ...	0	do.	0	do.	0
4	clear, ...	0	clear, ...	0	clear, ...	0	do.	0	do.	0	... ...	
5	... ...		... ...		... ...		... ...		... ...		do.	0
6	do.	0	ny-clear,... ...	0	ny-clear, ...	0	do.	0	cu hor, ...	1	do.	0
7	do.	0	do.	0	clear, ...	0	clear,...	0	do.	1	do.	0
8	cu-hor, ...	1	cr, sc-hz, ...	2	cy-clear, ...	0	ny-clear, lg-SE, SW,	0	fl-cu	4	cu-hor, ...	2
9	do.	2	cr-st, cr-hz, ...	1	lt-cu, cr-hz, ...	1	fl-cu, cr-st, hz, ...	4	do.	3	do.	1
30	do.	1	cu-st, cr-hz, lg-SW,	1	ny-clear, ...	0	fl-cu, ...	1	cu-hor, ...	1	do.	1

REMARKS ON THE WEATHER FOR THE MONTH OF APRIL 1855.

Date.	NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
March 31	cu, hz, ...	1	cu, hz, ...	1	cu, hz, hl-☽ ..	1	cr-st, hz, ...	2	cu, cr-st, cr-hz, ..	2	... ...	
April 1	... ...		... ...		... ...		... ...		... ...		fl-cu, cu-st, hz, ...	3
2	cr-hz, cr, ...	2	cr-hz, cr, ...	6	cu, cr-st, d-hz, hl-☽	5	cu, d-hz, ...	4	cu, hz, ...	2	cu, hz, ...	3
3	cu, cr-cu, d-cr-hz,	6	cu, cr-st, d-hz, lg-SW,	6	cu cr-st, d-hz, ...	5	cu, cr, d-hz, ...	3	cr-cu, cr-st, ...	1	cr-cu, cr-st, ...	2
4	cr-cu, cr-hz, cr-st, ...	4	cr-cu, cr-hz, cr-st, ...	2	cr-cu, cr-hz, cr-st,	4	cr-st, hz, ...	1	cu, cr, cr-st, ...	2	cu, hz, ...	2
5	cu, cu-st, cr-hz,...	2	cu, cr-st, hz, ...	3	cu, cr-st, hz,... ..	3	cu, cr-st, hz, ...	2	cu, cr, cr-st, hz,...	2	cu, cr-hz, ...	2
6	cu, cr-cu, nim, ..	6	cu, cr, cr-hz, ...	4	cu, hz, ...	2	cu, hz, ...	1	cu, cr-st, hz,... ...	2	cu, cr-cu, hz,... ...	2
7	cr-hz, cr, ...	5	cu-hor, ...	2	cu, hz, ...	3	cu, hz, lg-W, ...	3	ny-clear, ...	0	... ...	
8	... ...		... ...		... ...		... ...		... ...		fl-cu, D, ...	4
9	lt-cu, cr-st, hz, ...	3	lt-cu, cr-st, hz, ...	3	lt-cu, hz, ...	1	cu, hz, ...	1	cu, cr-st, hz, ...	2	cu, cr-st, hz, ...	2
10	cr-hz, cr-st, ...	2	cr, cr-st, cr-hz, ...	2	ny-clear,... ...	0	cy-clear, ...	0	clear, ...	0	cu-hor, ...	1
1	cr-st, hz,... ...	2	cr-st, hz, ...	3	do.	0	do.	0	fl-cu, ...	3	ny-clear, ...	0
2	cu, d-hz, cr, ...	4	cr hz, cr-st, cu, ...	3	cr-hz, cr-st, cu, ...	5	cu-st, d-cr-hz, cim, ...	7	cu, cu-st, ...	4	do.	0
3	cr, cr-hz,... ...	5	cr-cu, cr-st, hz, ...	3	cu-st, d-cr-hz, ...	5	cu-st, d-cr-hz, ..	4	cu, d-cr-hz, ...	4	cu, hz, ...	3
4	cu, cr-hz, ...	2	cu, cr-cu, cr-hz, lg-NW,	2	cu, cr-hz, sh-lg-NW,	1	cu, cr-hz, sh-lg-NW,	2	ny-clear, ...	0	... ...	
5	... ...		... ...		... ...		... ...		... ...		cu-hor, ...	3
6	cr, hz, ...	1	ny-clear, ...	0	clear, ...	0	cy-clear,... ...	0	do.	0	cu, hz, ...	2
7	cy-clear,... ...	0	clear, ...	0	do.	0	do.	0	clear, ...	0	do.	2
8	clear, ...	0	do.	0	do.	0	do.	0	do.	0	sc-cu, ...	1
9	ny-clear, ...	0	cu, hr, ...	1	cu, hz, lg-W, ...	1	cu, hz, ...	1	do.	0	cr-cu, cu, ...	3
20	cu, hz, ...	2	cu, cr-cu, cu-st, d-hz,	7	cu, cu-st, d-hz, ..	5	fl-cu, nim, ...	6	sc cu, nim, ...	4	cu, cr-cu, cim, ..	5
1	cu, cu-st, nim, fr-th-W,	5	hy-cu, cu-st, hz, lt fl, lg-W,	7	cu, d-hz, ...	6	cu, cu-st, d-hz, ...	5	cu, cu-st, d-hz, ...	6	... ...	
2	... ...		... ...		... ...		... ...		... ...		cu, cu-st, cr-st, cr-hz,	5
3	cu, cu-st, d-cr-hz, nim,	7	cu, cu-st, d-cr-hz, ...	5	cu, cr-hz, ...	5	cu, cr-st, cr-hz, ...	4	cu, hz, ...	2	cu, cr-st, hz, ...	2
4	cr-st, cu, hz,... ...	3	cr-cu, cr-st, hz, ...	3	cr-cu, cr-hz, ...	2	cu, hz, ...	1	clear, ...	0	clear, ...	0
5	ny-clear,... ...	0	cr-hz, ...	2	cr-hz, ...	1	cr, hz, ...	2	ny-clear, ...	0	do.	0
6	cu, cr-cu, hz,... ...	6	cr, cr-st, hz, ...	2	cr, cr-st, hz,... ...	3	cr-st, hz,... ..	2	do.	0	do.	0
7	cr, cr-hz,... ...	2	cr, cr-hz, ...	3	cr, cr-hz, ...	2	cr, cr-hz, ...	2	cr, cr-hz, ...	3	do.	0
8	do.	2	cr-st, hz, ...	1	cr-st, hz, ...	1	cr-st, hz, ...	1	clear, ...	0	... ...	
9	... ...		... ...		... ...		... ...		... .		cu, cu-st, ...	4
30	cu-hor, ...	1	cy-clear,... ...	0	ny-clear, ...	0	ny-clear, ...	0	cy clear, ...	0	clear, ...	0

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard ... around
cld ... clouds or cloudy
cr or cir ... cirri or cirro or cirrous
cu ... cumuli or cumulo
D ... Dew
d ... dense
dis ... distant
dt ... detached
E ... East
fg ... fog
fk ... forked
fl ... flying
fr ... frequent
g ... ground
hy ... heavy
hl ... halo
hor ... horizon
hz ... haze or hazy
ld ... loud
lg ... lightning
lt ... light
mt ... meteor
N ... North
nim ... nimbi
ny ... nearly
ovd ... overhead
ovt ... overcast
pe ... peals
pt ... part or partly or partial
R ... Rain
r-b ... rain-bow
S ... South
sc ... scattered
sh ... sheet
st ... stratus
th ... thunder
thi ... thick
v ... very
viv ... vivid
W ... West

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REMARKS ON THE WEATHER FOR THE MONTH OF MARCH 1855.

Date.	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers. Radiation. Sol.	Ter.	Air. Max.	Min.
1	fl-cu, cr-hz, ...	4	fl-cu,cu-st,cr-hz,nim,	4	fl-cu, cu-st,cr-hz,nim	3	fl-cu,cu-st cr-hz,nim	4	cu, cr-hz, ...	4	cu, hz, ...	2	133·5	65·4	85·9	73·0
2	sc-cu, ...	2	sc-cu, ...	2	sc-cu, ...	1	cu, cu-st, ...	5	cu, cu-st, hz, ...	3	cu, cu-st, hz,...	2	131·5	67·4	87·5	74·8
3	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	128·5	72·9	87·2	76·2
4	fl-cu, cr-hz,	3	fl-cu, cr-hz, ...	4	sc-cu, cu-st, cr-hz,	3	sc-cu, cu-st, cr-hz, nim	4	do.	5	cu, cu-st, ...	4	124·5	74·1	87·4	78·4
5	sc-cu, ...	1	fl-cu, ...	3	fl-cu, cu-st, nim,	5	fl-cu, cu-st, ...	4	cu-hor, ...	1	fl-cu, ...	2	129·5	74·0	86·6	78·0
6	sc-cu, cu-st,	2	sc-cu, cu-st, ...	2	cu, cu-st, cr-hz, ...	4	cu, cu-st, cr-hz,	2	sc-cu, ...	1	sc-cu, ...	1	127·5	70·0	85·7	74·2
7	cu, cu-st, hz, ...	3	ny-clear, ...	0	fl-cu, hz, ...	3	fl-cu, hz, ...	4	do.	1	clear, ...	0	129·0	65·7	86·6	72·4
8	cu, cr-cu, ...	4	do.	0	ny-clear, ...	0	sc-cu, ...	2	do.	2	ny-clear, ...	0	126·0	67·7	86·2	73·0
9	ny-clear, D, ...	0	cu-hor, ...	1	sc-cu, ... —	2	sc-cu, cu-st, hz,	3	do.	2	hy-cu-hor, ...	1	130·5	67·0	87·3	72·7
10	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...		126·5	74·5	87·8	76·7
1	sc-cu, cu-st, hz,	3	sc-cu, cu-st, hz,	3	cu, cu-st, ...	4	cu, cu-st, ...	3	sc-cu, lt-hz, ...	1	sc-cu, lt-hz, ..	1	125·4	66·3	86·8	74·2
2	do. ...	3	do.	4	sc-cu, cu-st, hz, ...	3	cu, hz,... ...	1	cu-hor, ...	1	cu, cr-hz, ...	2	127·5	65·1	85·9	73·6
3	ny-clear, ...	0	cu-hor, ...	1	cu-hor, .	2	cc, cu-st, hz, ...	4	cu, cu-st, hz, ..	2	cu-hor, ...	1	135·0	64·5	86·3	71·4
4	cu-hor, ...	2	do.	2	cu, cu-st, cr-hz, ...	4	cu, cu-st, cr-hz,	3	ny-clear, ...	0	clear, ...	0	127·5	66·0	87·4	72·1
5	do.	1	cu, cu-st, cr-hz,	3	cu, cu-st, hz, ...	4	sc-cu, cu-st, hz, ...	3	sc-cu,cu-st, hz,	1	sc-cu, cu-st, hz, ...	1	120·5	68·3	88·6	74·9
6	cu, hz, nim,...	2	do.	4	cu, cu-st, cr-hz, ...	4	fl-cu, cu-st, cr-hz,	4	do.	3	fl-cu, ...	2	120·5	68·2	87·9	74·9
7	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	127·0	66·9	87·5	74·1
8	cu-hor, ...	2	do.	3	do.	4	sc-cu, cr-hz. ..	4	cu, cr, cr-hz, ...	5	cr, cr-hz, ...	4	130·5	68·5	87·6	73·3
9	do.	1	cu, cr-st, cr-hz,	3	cu, cr-st, cr-hz,	3	sc-cu, cr-st,cr-hz,...	4	cr, cr-hz, ...	2	do.	2	124·5	69·4	89·3	74·2
20	clear, ...	0	cr-cu,cr-st, cr-hz,	3	sc-cu, cr-st, hz, ...	4	sc-cu, cr-st, hz,	8	ny-clear, ...	0	cr, cr-hz, cr-cu,	3	124·5	69·6	89·4	75·0
1	do.	0	ny-clear, ...	0	sc-cu, lt-cr-hz,	3	cr-hz, ...	2	cr-hz,... ...	2	cu, cr-st, br, ...	3	129·3	73·2	91·2	77·2
2	cu, cr-hz, ...	2	sc-cu, cr-hz,	3	sc-cu, cu-st, cr-hz,	3	sc-cu, cu-st, cr-hz,	8	sc-cu, cu-st, cr-hz,	8	cr, cr-hz, cr-st, ...	3	127·5	70·4	90·2	75·7
3	clear, ...	0	do.	2	sc-cu, cr-hz, ...	3	sc-cu,cr-hz, ...	2	clear, ...	0	clear, ...	0	120·5	67·7	88·7	73·5
4	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	127·5	68·4	90·1	73·0
5	do.	0	clear, ...	0	cr-cu, cu,... ...	4	sc-cu, ...	1	ny-clear, ...	0	do.	0	130·5	69·[illegible]	90·0	74·8
6	do. ...	0	cu-hor, ...	2	fl-cu, cu-st, cr-hz,	5	fl-cu, cu-st, cr-hz,	5	cu-hor, ...	1	cu-hor, ...	1	130·7	69·1	91·4	76·8
7	cu, cu-st, hz, ...	2	do.	1	fl-cu, nim, ...	4	do. do. ...	3	do.	2	do.	1	131·5	72·6	90·6	77·5
8	cu, cr-hz, ...	2	do. ...	1	fl-cu, ...	3	fl-cu, cu-st, ...	4	cu, cu-st, hz, ...	3	cu, cu-st, hz, ...	3	112·3	73·0	91·1	78·3
9	cu-hor, ...	2	fl-cu, cu-st, nim,	3	fl-cu, cu-st, ...	4	do.	3	fl-cu, cu-st, ...	2	cu, cu-st-hor....	2	120·5	76·0	90·8	79·3
30	cu, cu-st, ...	2	cu-hor, ...	2	fl-cu, ...	3	do.	3	cu, hz, ...	2	cu-hor, ...	1	119·5	73·7	90·5	78·5

REMARKS ON THE WEATHER FOR THE MONTH OF APRIL 1855.

Date.	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Sol.	Ter.	Max.	Min.
M.31	... ...	...	... ...	...	... .	...	... ...	...	... .	...	... .	...	117·5	73·9	90·6	78·6
1	fl-cu,cu-st,hz,nim,	4	cu, cu-st-hor, ...	2	sc-cu, cr-hz, ...	2	cc, cu-st, hz, ...	3	cu-hor, ...	2	cu-hor, ...	3	120·5	76·8	92·5	80·3
2	cu, hz, ...	2	cu, cr-hz, cr,	3	fl-cs, ...	3	sc-cu, cu-st, hz,	2	sc-cu, cc-st, hz,	2	cr-cu, hz, ...	2	120·5	77·4	93·2	80·7
3	do. ...	2	cr, cr-hz, ...	2	cu, cu-st, cr-hz, ..	3	cu, cu-st, cr-hz, ...	3	cu, cu-st, cr-hz, ...	3	cu, cr-hz, ...	3	118·0	73·9	92·5	79·4
4	do.	2	cu, cr-hz, ...	2	fl-cu, nim, ...	4	fl-cu, cu-st, ...	4	fl-cu, cu-st, ...	3	cu, cu-st, cr-hz,	3	112·9	75·2	92·5	79·5
5	cu, cr-hz, ...	3	cu, cr-cu, hz, ...	3	ny-clear, ...	0	ny-clear, ...	0	cu-her, ...	1	cu, cr, cr-hz, ...	3	110·0	76·2	92·0	80·0
6	cu, cr-hz-hor, ...	1	cu-hor, ...	1	sc-cu, cu-st, ...	2	sc-cu, ...	2	sc-cu, ...	2	do.	3	117·0	76·2	92·3	79·5
7	... ...	...	... ...	...	.. ..	...	... ...	...	... ...	...	... ...	...	111·3	76·2	91·7	76·4
8	clear, D, ...	0	cc-E-hor, ...	1	fl-cu, ...	3	fl-cu, ...	3	sc-cu, cr-hz, ...	2	sc-cu, cr-hz, ..	1	116·8	68·3	91·4	75·4
9	do. ...	0	cr-hz, cr-st, ...	3	sc-cu, ...	3	sc-cu, cr-st, ...	1	cu, cr-st, cr-hz, ...	3	cu, cr-st, cr-hz, ..	2	122·3	69·7	90·9	75·8
10	cu-hor, ...	1	cu, hz, ...	3	cu, ...	3	fl-cu, ...	1	cu, hz, ...	1	cu, hz, ...	1	118·5	71·6	90·5	75·9
1	cu, cu-st, ...	2	cu, cu-st, cr-hz,	3	cu, cu-st, cr-hz, ...	5	cu, cu-st, cr-hz, ...	5	cr-hz, cr-st, ...	3	cu, d-hz, cr, ...	5	125·5	78·8	91·6	76·8
2	ny-clear, ...	0	cc, cr-hz, ..	5	hy-cu, ...	4	cu-hor, ...	3	cu, d-hz, ...	6	cu, d-hz, ...	6	121.5	75·4	93·3	79·7
3	cu-hor, ...	2	do. ...	2	sc-cu, hz, ...	3	sc-cu, hz, ...	3	cu-hor, ...	1	cu-hor, ...	1	120·5	74·4	92·7	79·7
4	... ...	...	... ...	...	... ..	...	... ..	...	... ...	...	... ...	..	131·0	75·9	93·4	79·3
5	do. ...	1	cr,cr-st,cr-hz,cu,	4	fl-cu, ...	3	fl-cu, cu-st, ...	2	cu, cu-st, hz, ...	2	cu, cu-st, hz, ...	2	123·0	74·2	93·6	79·8
6	clear, ...	0	cr-hz, cr-st, ...	3	fl-cu, cu-st, hz,	4	fl-cu, cu-st, hz,	3	fl-cu, cu-st, hz,	2	cc-hor, .	1	119·0	75·4	92·8	78·3
7	do. ...	0	cu-hor, ...	2	sc-cu, ...	3	sc-cu, cu-st, ...	3	cu-hot, ...	1	ny-clear, ...	0	119·5	72·0	92·1	78·1
8	do.	0	clear, ...	0	cu, cu-st, cr-hz,	6	cu, cu-st, cr-hz,	5	cu, cu-st, hz, ...	3	cu. hz, ...	2	128·2	76·5	93·1	80·8
9	cu, cr-hz, ...	2	cu, cr-cu, cr-hz,	2	sc-cu, ...	3	sc-cu, ...	2	cu-hor, ...	2	do.	2	126·0	78·6	95·7	82·8
20	cr-cu, hz, ...	2	cr, cr-hz, cu, ...	2	sc-cu, cr-hz, ...	3	sc-cu, cr-hz, ...	2	de.	1	cu, nim, th-N, ..	3	126·5	82·4	99·0	83·7
1	... ...	...	... ...,	...	... .	...	... ...	...	... ...	...	... ...	..	126·5	81·[illegible]	97·1	84·4
2	cu, cu-st, d-hz,...	4	cu, cr-hz, ...	1	sc-cu, cu-st, hz,	4	cu, cu-st, hz, nim,	4	cu, cr, ...	2	cu, d-cr-hz, nim, th-N,	5	116·3	79·3	93·5	82·1
3	cu, cu-st, cr-hz,	3	cr, cr-hz, cu,	3	sc-cu, hz, ...	2	fl-cu, cu-st, ...	4	cu, hz, ...	2	cu, hz.	2	115·0	79·3	93·8	82·0
4	cr-hz, cu, ...	3	sc-cu, hz, ..	2	sc-cu, cu-st, cr-hr,	3	sc-cu, cu-st, cr-hz,	4	sc-cu, cu-st, cr-hz,	2	cu-hor, ...	1	116·0	78·1	93·7	82·3
5	clear, ..	0	cr, cr-hz, cu,	4	sc-cu, cu-st, hz, ...	3	cu, cu-st, cr-hz, ...	3	cu, cu-st, cr-hz, ...	3	cu, cr-cu, hz, ...	5	127·5	78·[illegible]	95·5	81·4
6	du.	0	cr-cu, hz, ...	2	sc-cu, cr-hz, ...	3	cr-cu, cr-st, cr-hz,	2	cr-cu, cr-st, cr-hz,	2	cr, cr-hz, ...	3	135·5	77·3	100·6	81·4
7	ny-clear, ...	0	clear, ...	0	cr, cr-hz, cu, ...	3	sc-cu, cr-hz, ...	2	sc-cu, cr-hz, ..	2	cu, hz, ...	3	118·5	79·3	94·9	82·1
8	... .	...	... ...	...	... ...	.	... ...	...	... ...	...	... ...	...	120·5	77·8	96·0	81·6
9	cu, cr-cu, hz,	3	cr, cr-hz, ...	3	cr, cr-hz, ...	3	cr, cr-hz, ...	2	cu, hz, ...	1	du.	1	130·0	72·9	95·[illegible]	78·9
30	ny-clear, ...	0	ny-clear, ...	0	cr-st, cr-hz, ...	2	d-cr, cr-hz, ...	4	d-cr-hz,cu, ..	4	d-cr-hz, cu, ...	4	135·0	73·7	97·0	76·2

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard ... around
cld ... clouds or cloudy
cr or Cir. cirri or cirro or cirrous
cu ... cumuli or cumulo
D ... Dew
d ... dense
dis ... distant
dt ... detached
E ... East
fg ... fog
fk ... forked
fl ... flying
fr ... frequent
g ... ground
hy ... heavy
hl ... halo
hor ... horizon
hz ... haze or hazy
ld ... loud
lg ... lightning
lt ... light
mt ... meteor
N ... North
nim ... nimbi
ny ... nearly
ovd ... overhead
ovt ... overcast
ps ... peals
pt ... part or partly or partial
R ... Rain
r-b ... rain-bow
S ... South
sc ... scattered
sh ... short
st ... stratus
th ... thunder
thk ... thick
v ... very
vi ... vivid
W ... West

REMARKS ON THE WEATHER FOR THE MONTH OF MAY 1855.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	cr-cu, cr-hz; ...	6	cu-st, cr-hz, ...	3	cr-hz, ...	1	cr-hz, ...	1	cr, cr-st, cr-hz, ..	3	cu, cr-st, hz, ...	3
2	cr-hz-hor, ...	1	cr, cr-hz, ...	3	cr, cr-hz, ...	3	cr, cr-hz,... ...	3	ny-clear, ...	0	do.	2
3	cr, cr-hz, cr-st, ...	5	cr, cr-hz, cr-st, ...	3	cr, cr-hz, cr-st, ...	4	cr, cr-hz, cr-st, ...	2	cr-st, cr-hz, ...	2	cr-st, cr-hz, ...	1
4	ny-clear. ...	0	cr, cr-hz, ...	2	cr, cr-hz, ...	2	cr, cr-hz, ...	2	clear, ...	0	cu, cu-st, cr-hz,...	3
5	do.	0	cr-st, cr-hz, ..	2	cr-st, cr-hz,... ...	2	cr-st, cr-hz, ...	4	cr-cu, cr-hz,... ...	2	... ...	...
6	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-cu, ...	3
7	cr-cu, cr-hz, ...	5	cr-cu, cr-st, hz, ...	3	cu, cr-cu, cr-st, hz, ..	4	cu, cu-st, hz, ...	6	cu, cu-st, cr-hz, ..	3	cu, cu-st, hz, ...	3
8	cr, cr-hz, ...	3	cr, cr-st, hz,... ...	3	cr, cr-st,hz,lg-W,SW,	2	cr, hz, ...	2	cu, cr-hz, ...	2	cr-cu, cr-hz, ...	2
9	do.	2	lt-fl-cu, cr-st, hz,	2	cr-st, hz, ...	1	cu, cr-st, hz, ...	3	cu, cr-cu, cr-hz,cu-st,	3	cu, cr-st, hz, ...	2
10	cr, cr-hz, ...	3	cr-hz, ...	2	cr-hz, lg-SW, ..	1	fl-cu, hz, lg-SW,	4	cu, cr-hz, ...	2	cu, cr, cr-hz, ...	2
1	do.	1	cu, cr-st, hz, ...	1	cr-st, hz, sh-lg-W, ...	1	cr-st, hz, sh-lg-W, ...	2	cu, cr-st, hz, ...	2	cu, cr-st, hz, ...	2
2	do.	2	cu, cu-st, hz, lg-W,..	3	cu-st, hz, ...	3	lt-cu, cr-st, hz, lg-W,	4	lt-cu, cr-st, hz, ...	4	... ...	...
3	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	clear, ...	0
4	cu, cr, cr-hz,... ...	3	cu-st, cr-st, d-cr-hz,	4	cu-st, cr-hz, ...	2	cu, cu-st, cr-st, lg-WSW,	5	cr-st, cr-hz, ...	2	cr-cu, cr-hz, ...	2
5	cr-cu, cr-hz, ...	2	hy-cu-st, nim-NW, lg-W,	3	cu-st, cr-hz, lg-NW,	2	ovt, fr-lg-W, ...	8	cu, cu-st, cr-hz,...	4	cu, cu-st, cr-hz, ...	3
6	cr-cu, cu-hz, ...	3	cr, cr-hz, ...	2	cr, cr-hz, ...	1	cu, hz, ...	2	cu, cr-cu, hz, ...	2	ny-clear,... ...	0
7	cr-cu, hz. ...	3	cu-st, cr-hz, ...	3	cu, cr-hz, ...	2	cu, cu st, cr-st, hz, lg-WSW	3	cu, cr-st, cr-hz, ...	2	cu, cr-st,cr-hz, ...	2
8	cr, cr-hz, cr-st, ...	3	hy-cu-st, cr-cu,hz, nim-NW,	4	cu-st, hz, lg-SW, ..	1	cr-st, hz, sh-lg-W, ...	2	cr-st, cr-hz, ...	2	cr-st, cr-hz, ...	2
9	cu, cr, cr-hz. ...	3	hy-cu-st, nim,lg,th-NNW,	2	cu-st, lt-hz, lg-NW,	1	cu, cu-st,hz,lg-WNW,	3	cu, cr-st, nim, ...	3	... .	...
20	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ny-clear, ...	0
1	cr-cu, cr-st, hz,...	2	cu-st, cr, hz, lg-W....	2	ny-clear,... ...	0	ny-clear,... ...	0	ny-clear,... ...	0	clear,...	0
2	cu, cr-hz, ...	1	cr-hz, cu-st-W, lg-W,	2	cr-hz, ...	1	cr-hz, ...	1	do.	0	cr-st, cr-hz, ...	2
3	cu, cr-cu, cr-hz, ...	5	cu, cr-cu, cr-hz, ...	3	cu, cr-st, cr-cu, ...	3	cu-st, cr-hz, ...	3	cr-cu,cr-hz,cu,lg-NW,	2	cr-cu, cr-hz,sh-lg-NW	2
4	do.	6	do.	5	cu, cr-cu, cr-hz, ...	7	cu, cr-cu, cr-hz, lg-W,	6	hy-cu, cu-st, nim, lg,	6	hy-cu,cu-st, nim, lg,	6
5	cu, cr, cr-hz, ...	3	cu, cr, cr-hz, ...	3	cu, cr-cu,d-hz,lg-SW,	6	cu, cr-hz, hl-☽ ...	8	cu, cr-cu, cr-st, ...	5	clear, ...	0
6	do.	4	do.	3	cr-hz, ...	1	cr-st, hz,... ...	1	ny-clear, ...	0	... ...	...
7	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt, ...	8
8	cr-cu, cr-hz, cr-st, ...	3	cr-cu, cu-st, cr-hz,	3	cr-st, cr-hz, ...	2	cr-st, cr-hz, ...	2	cr, cr-hz, cu. ...	1	cu, cr-cu, cr-st, ...	3
9	cr. cr-hz.... ...	7	d-cr-hz, cr, ...	6	d-cr-hz, cr, hl-☽	6	cr-hz, cr-st,lt-cu, ...	6	cr-st, cr-hz, cu, ...	4	cr-st, cr-hz, cu,...	4
30	cu, hz, ...	2	cr-cu, hz, ...	2	cr-cu, hz, ...	2	cu, cr-cu, cr-st, hz,	5	cu, cr-st, hz, ...	3	cr-cu,cr-st, hz, ...	2
1	cu cr-st, nim, ...	3	cu, hz, ...	3	cu, hz, ...	2	cr-hz, cr-st, ...	2	cr-st, cr-hz,	2	cr-st,cr-hz, ..	1

REMARKS ON THE WEATHER FOR THE MONTH OF JUNE 1855.

Date.	NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	cr-cu, hz, ...	3	cu, cr-st, hz,... ...	4	cu, cr-st, hz.... ...	3	cu, cu-st, cr-cu, hz, ...	5	cr-cu, cr-hz, ...	7	cu, hz, ...	2
2	cu, cr-st, hz, nim,	7	cr-cu, cr-st, hz, ...	6	cu, hz, lg-SW, ...	2	cr-cu, cr-st, hz, ...	4	cr-cu, cr-st, hz, ...	3	... ...	...
3	... .	...	... ...	...	... ...	...	... ...	...	... ...	...	do.	2
4	cu, cu-st, nim, ...	6	cu, cu-st, nim,th-NE,	7	cu, cu-st, lg-SW,	3	cu, cu-st, lg-WSW,	5	cr-cu, hz, sh-lg-SW,	2	cr-cu, hz, ...	8
5	cu, cr-hz, nim-SW, ...	5	cr-cu,hy-cu-st, nim-SW,	7	cr-cu, hy-cu-st, lg-SW,	5	cu, cu-st, hz-lg-N, ...	7	cu, cu-st, ...	6	cu, cu-st, cr-cu, cr-hz,	5
6	cu,cu-st,cr-hz,nim-SW,dis-th	4	cu, cu-st, cr-cu, hz,...	8	cu, cu-st, hz, ...	2	cr-hz, cr-st, lg-W,	2	cu, cr-cu, cr-hz, ...	3	cu-hor, ...	2
7	sc-cu-hor, ...	2	cu, cu-st, hz, ...	2	lt-cu, cr-st, hz, lg-W,	1	lt-cu, hz, lg-NW. ...	3	do.	3	cu, cr-cu, cr-hz,...	4
8	cr-st, cr-hz, ...	1	cu-st, cr-hz, ...	8	cu-st, cr-hz, lg-SW,...	3	cu-st, cr-hz, lg-SW,...	8	cu, hz, ...	8	cu, hz, ...	4
9	cr-st, cr-hz, cu, ...	3	cu-st, cr-st, hz, ...	8	cr-st, cr-hz, lg-NW,	3	ny-clear,... ...	0	ny-clear, ...	0	... .	...
10	... .	...	... ...	...	... ...	...	... ...	...	... ...	...	cr-st, cr-hz, ...	2
1	cu, cr, cr-hz, ...	2	cu, cr-st, hz, ...	1	ny-clear, ...	0	cr-st, hz, ...	3	clear,...	0	cr-cu, hz, ...	5
2	ny-ovt, ...	7	cu, cu-st, hz, ...	6	cu, cu-st, hz, lg-SW,	3	cu, cr-hz, ...	4	cu, hz, ...	2	cu, cr-st, hz, ...	5
3	cu, cu-st, cr-hz, ...	5	cu, cr-st, hz, ...	3	cu, cr-st, hz, ...	3	cu, cr-st, hz, ...	2	do. sh-lg-W, ...	2	cu,nim,dis-th,fr-viv-lg-N,	3
4	cr-hz, cr-cu, ...	4	cu, cr-st, hz, ...	8	cu, cr-st, hz, lg-NW,	2	cu,cu-st,hz,lg-S,W, N,	3	cu,cu-st,cr,hz,fr-sh-lg NW	3	cu, cu-st,cr-hz,fr-sh-lg	5
5	cr. cr-hz, cu, ...	4	cu-st, cr-st, hz, ...	8	cu, cr-st, hz, lg-NW,	2	cu, hz, lg-W, NW,...	2	cu, cr-cu, cr-hz,lg, ..	4	cu, cr-cu, cr-hz, lg, ...	3
6	fl-cu, cu-st, nim,	6	fl-cu, cu-st, nim, ...	7	cu, cu-st, d-hz,lg-NW,	3	cu, cu-st, cr-hz, ...	6	cu, cu-st, cr-hz, ...	3	... .	...
7	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cu-st, cr-hz,nim,lg,	5
8	cu, cu-st, nim, ...	8	cu, cu-st, nim, ...	8	ny-ovt, ...	8	cu, cu-st, hz, ...	5	cu, cr-cu, cr-hz, ...	3	cu, cr-hz, ...	3
9	ny-ovt, nim, lt-R, ...	7	cu, cu-st, nim, ...	7	cu, cu-st, hz, ...	4	cu, cu-st, cr-hz,...	6	ny-ovt, ...	7	ny-ovt, ...	7
20	fl-cu, nim, ...	7	do.	7	hy-cu, cu-st, nim, ..	8	ny-ovt.	7	cu, cr-cu, cr-hz, ...	7	cr-hz, cr-st, ...	3
1	cu, cr-hz, ...	7	cu, cr-hz, ...	5	cu, cr-hz, ...	3	cu, cr-hz, ...	3	ny-ovt, ...	7	cr, cr-hz, cu, ...	4
2	do.	3	cu, hy-cu-st,cr-hz,nim,	7	cu, cu-st, cr-hz,lg-SW,	5	ovt, lg-SW, W, ...	8	ovt,sh-lg-SE, th-W,	8	hy-cu,cu-st,cr-hz,nim, th-lg-W,	6
3	ovt, ...	8	ovt, ...	8	cu, d-hz,... ...	7	d-cr-hz, hl-☽ ...	8	cu, hz, ...	3	... ...	...
4	... ...	...	... .	...	... ...	...	... ...	...	... .	...	cr-st, cr-hz, ...	3
5	cu, cu-st, cr-st, hz, ..	4	ny-ovt, R, lg-N, ...	7	cu-st,cr-st,nim-lg-NE,S,	6	cu, cu-st, cr-st,lg-SW,	6	cu, cr-hz, ...	7	ovt, R, ...	8
6	fl-cu, nim, ...	6	cu, cr-hz, cr-cu, nim,	7	ny-ovt, R, ...	8	cu, cr-hz, cr-st,lg-NE,	4	cu, d-cr-hz, ...	7	cu, d-cr-hz, ...	7
7	ovt, ...	8	ny-ovt, ...	8	do.	7	ovt, ...	8	ovt, ...	8	ny-ovt, ...	7
8	do.	8	ovt, ...	8	ovt, R.	8	do.	8	do.	8	ovt, ...	8
9	do.	8	do.	8	do, lt-R, ...	8	do.	8	do.	8	do.	8

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard ......around
cld ......clouds or cloudy
cr or cir...cirri or cirro or cirrous
cu ......cumuli or cumulo
D ......Dew
d ......dense
dis ......distant
dt ......detached
E ......East
fg ......fog
fk ......forked
fl ......flying
fr ......frequent
g ......ground
hy ......heavy
hl ......halo
hor ......horizon
hz ......haze or hazy
ld ......loud
lg ......lightning
lt ......light
mt ......meteor
N ......North
nim ......nimbi
ny ......nearly
ovd ......overhead
ovt ......overcast
pl ......peals
pt ......part or partly or partial
R ......Rain
r-b ......rain-bow
S ......South
sc ......scattered
sh ......sheet
st ......stratus
th ......thunder
thk ......thick
v ......very
viv ......vivid
W ......West

REMARKS ON THE WEATHER FOR THE MONTH OF MAY 1855.

Date.	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Thermometers. Radiations. Sol.	Radiations. Ter.	Air. Max.	Air. Min.
1	cr-st, cr-hz, cu,	3	sc, cr-hz, cr-st, ..	2	ny-clear, ...	0	clear, ...	0	ny-clear, ...	0	ny-clear, ...	0	135·2	75·4	93·7	80·0
2	clear, ...	0	cr, cr-hz, st,	2	sc-cu, hz, ...	3	sc-cu, hz, ...	3	sc-cu, hz, ...	3	cr, cr-hz, cr-st,	4	118·5	78·4	95·7	81·5
3	do. ...	0	cr, cr-st, hz, ...	3	fl-cu, cu-st,	4	do. ...	3	do. ...	3	sc-cu, hz, ...	2	118·0	74·6	94·2	79·2
4	cr-st, sr-hz, cu,	2	cr, sr-hz, cu,	2	sc-cu, hz, ...	2	do. ...	1	cr, cr-hz, ...	2	ny-clear, ...	0	119·5	78·1	95·0	81·6
5	...	..	...	..	...	..	...	..	...	..	...	..	129·2	76·8	95·5	81·9
6	cu, cr, cr-hz,	3	cr, d-cr-hz, ..	3	cr, d-cr-hz, ...	4	sr, d-cr-hz, ...	6	cr, d-cr-hz, ...	5	cr cu, cr, sr-hz,	4	140·5	76·3	102·1	83·0
7	cr-cu, hz, ...	3	su, cr-cu, cr-hz,	5	cu, cr-cu, cr-hz, ...	2	clear, ...	0	cu, cr-st, hz, ...	1	lt-cu, hz, ...	1	124·5	80·3	97·9	84·0
8	ny-clear, ...	0	cu, cr-cu, cr-hz,	4	sc-cu, hz, ...	2	sc-cu, hz, ...	1	ny-clear, ...	0	ny-clear, ...	0	118·0	80·0	95·5	84·1
9	do. ...	0	cr, cr-hz, cu, ..	2	cr, cr-hz, cu, ...	4	cu, cr-st, cr-hz, ...	3	cr-hz, cr, ...	3	cr-hz, cr, ...	3	128·0	79·8	97·2	82·4
10	do. ...	0	cr-st, cr-hz,	2	clear, ...	0	clear, ...	0	clear, ...	0	clear, ...	0	120·0	78·8	97·3	82·7
11	cr, cr-hz, ...	1	cr, cr-hz, cr-st, ...	2	sc-cu, cr-st, hz, ...	4	cu, hz, ...	3	cu, hz, ...	2	cu, hz, ...	2	120·5	81·9	97·8	84·2
12	...	..	...	..	...	..	...	..	...	..	...	..	130·5	81·9	96·5	85·0
13	cr, cr-hz, cu, ...	3	cr-cu, cr-hz,	3	cr-cu, cr-hz, ...	3	cr-cu, cr-hz, ...	3	cr, cr-hz, ...	2	cr, cr-hz, ...	3	142·5	81·0	101·4	85·3
14	cr, cr-hz, cr-st,	4	cr-hz, cu, ..	2	cu, cr-cu, hz, ...	4	cu, cr-cu, hz, ..	6	cu, sr-hz, ...	3	cu, cr-hz, ...	2	144·0	79·2	101·2	83·6
15	cu, cu-st, cr-hz,	4	cr-cu, cr-hz,	3	cr-cu, cr-hz, ...	2	cr-cu, cr-hz, ...	2	cr, cr-hz, ...	2	do. ...	2	148·3	78·7	104·3	83·7
16	cr, cr-hz, ...	1	cr-hz, st, ...	2	cr-hz, st, ...	2	cr-st, cr-hz, ...	2	cr, cr-st, ...	3	cr, cr-st, cr-hz,	4	180·0	79·8	96·9	83·4
17	do. ...	2	cr, cr-hz, ...	2	cr, cr-hz, ...	2	sc-cu, ...	1	cr-hz-hor, ...	1	cr, cr-hz, cr-st, ...	4	135·0	81·3	95·7	84·6
18	sc-cu, hz, ...	1	cr-cu, cr-hz, ...	2	sc-cu, cr-hz, ...	2	sr, cr-hz, ...	2	cr, cr-hz, ...	4	cr, cr-hz, ...	3	145·5	76·9	105·5	83·4
19	...	..	...	..	...	..	...	..	...	..	...	..	135·5	79·8	103·9	85·2
20	cr, cr-hz, su, ...	2	cr-cu, sr-st,	3	cr-cu, cr-st, ...	4	cr, cr-hz, ...	4	cr-cu, cr-st, hz,	3	cr-cu, cr-st, hz,	4	133·7	79·5	106·2	82·9
21	cr, cr-hz, ...	[illegible]	ny-clear, ...	0	do. ...	2	cr-cu, sr-st, ...	2	ny-clear, ...	0	cu, hz, ...	1	145·5	78·9	106·8	85·0
22	cu, cr-st, cr-hz,	[illegible]	cu, cr-cu, ..	5	cu, cr-cu, ...	5	cr, cr-hz, cu, ..	3	cr, cr-hz, ...	2	cr-cu, hz, ...	2	145·5	81·5	107·0	85·5
23	cu, cr-st, hz, ...	[illegible]	su, cr-cu, cr, cr-hz,	4	cu, cr-cu, cr, cr-hz,	3	cu, cr-cu, cr, cr-hz,	4	cu, cr-cu, cr-hz, ...	4	cu, cr-cu, cr-hz, ...	6	145·5	82·9	106·5	87·5
24	cu, cr-hz, nim,	4	cr-cu, cr, cr-hz,	4	cr-hz, cr-st, ...	2	cr-hz, cr-st, ...	1	cr-hz, cr-st, ...	1	cr-hz, cr-st, ...	2	142·5	83·7	109·7	87·5
25	cu, ...	1	sr-st, cr-hz, ...	1	cr-st, cr-hz, ...	2	cr-st, cr-hz, ..	4	cr-st, cr-hz, ...	4	cr-st, cr-hz, ...	4	144·0	84·9	108·8	87·6
26	...	..	...	..	...	..	...	..	...	..	...	..	133·5	82·9	108·7	86·0
27	ny-ovt, ...	7	su, cr-cu, cr-hz,	4	cu, cr-cu, cr-hz,	3	fl-cu, hz, ...	4	cr-cu, cr-hz, cr-st, ...	5	cr-cu, cr hz, cr-st,	5	145·8	88·7	110·8	88·8
28	cr-st, cr-hz,	[illegible]	cr-st, cr-hz, ...	2	cr, cr-st, ...	2	cr, cr-st, ...	3	cr, cr-st, ...	3	cr, cr-hz, ..	3	144·5	82·5	106·3	85·4
29	cr-cu, cr-st, cu, ...	[illegible]	cr-cu, cr-st, cu,	4	cr-cu, cr-st, cu,	4	cr-cu, cr-hz, ...	5	cr-cu, hz, ...	3	cr-cu, hz, ...	2	145·5	79·7	103·0	84·5
30	cr, cr-hz, ...	[illegible]	cr, cr-hz, ...	2	cr, cr-hz, st, ...	2	cr-st, cr-hz, ..	2	cr-st, cr-hz, ...	1	cu, hz, ...	2	141·0	79·8	106·7	84·8
31	cr-st, hz, ...	[illegible]	cr-st, hz, ..	2	cr-cu, cr-hz, .	2	cr-cu, cr-hz, ..	2	ny-clear, ...	0	cu-hor, ...	2	142·5	81·6	107·4	85·6

REMARKS ON THE WEATHER FOR THE MONTH OF JUNE 1855.

Date.	12	Cloudy sky in 8ths	14	Cloudy sky in 8ths	16	Cloudy sky in 8ths	18	Cloudy sky in 8ths	20	Cloudy sky in 8ths	22	Cloudy sky in 8ths	Sol.	Ter.	Max.	Min.
1	cu, hz, ...	2	cr-hz, cr, ...	2	cr-cu, cr-st, hz, ...	3	ny-clear, ...	0	sc-cu, ...	1	cu, cu-st, nim, dis-th-NW.	5	139·0	82·1	107·2	83·9
2	...	..	...	..	...	..	...	..	...	..	...	..	137·5	79·8	104·8	84·0
3	do. ...	2	cr-cu, cr-hz, cr-st,	3	cr-st, hz, ..	2	cr-st, hz, ...	2	cr-cu, ...	3	cu, sr-st, hz, ..	3	138·0	81·9	107·0	86·6
4	cu, cr-cu, cr-st, hz.	5	cu, cr-cu, cr-hz,	5	cu, cr-cu, cr-hz,	4	cu, cr-cu, cr-hz,	3	cu, cr-hz, ...	4	cu, cu-st. ...	6	135·3	80·4	103·2	86·2
5	cu, cu-st, cr-cu, cr-hz	4	cu, cr-hz. ...	3	cu, cr-st, ...	3	cu, cr-cu, cr-st, ...	3	fl-cu, hz, ...	4	fl-cu, cu-st, nim-SW,	5	128·0	82·9	103·1	85·0
6	cu, cr-st, hz, ..	2	cr, cr-st, hz,	3	sr, cr-st, hz, ...	3	sc-cu, cr-hz, ...	2	sc-cu, cr-hz, ...	3	sc-cu, ...	2	126·5	83·7	103·4	84·3
7	cr-cu, cr-hz,	7	cr-cu, cr-hz. ...	4	cr-cu, cr-hz, ..	2	cr-cu, cr-hz, ..	2	cr-cu, cr-hz, ...	2	sc-cu-hor, ...	1	119·0	77·6	99·1	84·4
8	do. ...	2	do. ...	3	do. ...	2	cr-st, cr-hz, ...	2	cr, d-cr-hz, ...	4	cr, cr-hz, ...	4	132·0	78·3	100·3	83·2
9	...	..	...	..	...	..	...	..	...	..	...	..	124·5	78·0	98·2	86·7
10	cu, cr-st, cr-hz,	2	cr cu, cr-st, cr-hz,	3	cr-cu, cr-st, cr-hz,	3	cr-cu, cr-st, cr-hz,	3	cr, cr-hz, ...	1	sc-cu-hor, ...	3	128·5	79·7	99·8	82·8
11	cr-cu, cr-st, hz,	3	cr-cu, cr-st, hz,	3	cr, cr-hz, cr-st, ...	3	d-cr-hz, cr-cu, ...	3	cu, cu-st, d-cr-hz, ...	4	cu, nim, dis-th,	7	124·5	80·8	100·9	88·9
12	cu, cr-st, hz, ...	3	cu, cr-hz, ...	5	cu, sr-hz, ...	6	cu, cu-st, cr cu, cr-hz,	6	cr-cu, cr-hz, ...	5	cr, cr-hz, ...	6	132·5	77·9	100·6	83·3
13	cu, cu-st, nim, lt-lg, dis-th.	6	ovt... ..	8	ovt, ...	8	ny-ovt, ...	8	cu, cr-cu, ...	7	cu, cr-cu, ...	5	121·5	77·9	98·9	80·7
14	cu, cu-st, cr-cu, hz, nim, lg ..	4	cu, cr-cu, cr-st, hz,	2	cu, cr-cu, cr-st, hz,	2	cu, cr-cu, cr st, hz,	2	fl-cu, cu-st, hz,	4	fl-cu, cu-st, hz, ...	6	134·0	77·9	101·3	82·0
15	hy-cu, cu-st, nim, d-sh-lg.	5	hy-cu, cu-st, hz, nim,	6	cu, cr-cu, cr-hz, ...	6	cr, cr-cu, ...	3	cu, cr, sr-hz, ...	5	cu, cu-st, hz, ...	5	135·1	79·1	104·0	80·8
16	...	..	...	..	...	..	...	..	...	..	...	..	128·5	79·9	95·8	83·7
17	cu, cu-st, cr-cu, cr-hz	6	ny-ovt. ...	7	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	116·0	78·5	96·5	80·1
18	cu, cr-hz, ..	2	cu, cr-cu, cr-hz,	5	cr-hz, cr-st, ...	6	cr-cu, sr-st, cr-hz,	4	cu, d-hz, ...	6	cu, cu-st, d-hz, nim, ...	6	124·5	78·6	101·4	82·2
19	cu, su-st, cr-hz,	4	do.	4	cu, cr-su, cr-hz, ..	2	cu, cr-cu, cr-hz, ...	1	cu, cu-st, d-hz, ...	5	cu, cu-st, d-hz,	6	129·5	79·8	103·2	88·7
20	cu, cr-hz, ...	2	cu, cu-st, ..	1	cu-st, hz, ..	1	cu-st, hz, ...	1	sc-cu, cu-st, cr-st,	3	cu-st, cr-st, hz, ...	5	138·5	78·0	100·8	83·8
21	su, cr-cu, cr-hz.	3	sc, cr-cu, cr-hz.	2	cu, cr-cu, cr-hz, ...	2	cu, hz, ...	1	sc-cu, hz, ...	3	cu, cu-st, hz, ...	6	134·5	80·0	99·5	83·3
22	hy-cu, cu-st, cr-hz, nim.	6	hy-cu, cu-st, cr-hz, nim,	5	cu, cr-cu, cr-hz,	4	ny-ovt, ...	7	ovt, ...	8	ovt, ...	8	114·5	78·1	92·8	81·3
23	...	..	...	..	...	..	...	..	...	..	...	..	125·5	80·8	97·2	81·7
24	cu, cr-st, hz,	3	cu, cr-cu, cr-hz,	3	do. ...	3	cu, cr-cu, cr-hz,	3	sr, cr-hz, cu, ..	4	fl-cu, cu-st, nim, ...	4	130·5	79·0	102·3	83·0
25	cu, cr-st, cr-hz,	6	cu, cr-st, cr-hz,	4	cu, cr-cu, cr-st, ...	3	cu, cr-cu, cr-st, ...	3	cr-cu, cr-hz, ..	5	cr-cu, cr-hz, ...	3	121·0	78·5	101·7	81·4
26	cu, cu-st, d-cr-hz,	8	ny-ovt, ...	8	ny-ovt, ...	7	ovt, ...	8	ovt, ...	8	ovt, ...	8	114·3	78·9	97·0	84·5
27	ovt, ...	8	ovt, ...	8	ovt, ...	8	ny-ovt, ...	7	ny-ovt, ...	7	do. ...	8	117·5	80·8	99·3	88·6
28	do. ...	8	do. ...	8	do. ...	8	ovt, ...	8	ovt, ...	8	do. ...	8	113·0	78·2	97·0	82·2
29	do. ...	8	do. ...	8	do. ...	8	do. ...	8	do. ...	8	do. ...	8	100·3	78·1	90·9	81·1

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard ... around
- cld ... clouds or cloudy
- cr or cir ... cirri or cirro or cirrous
- cu ... cumuli or cumulo
- D ... Dew
- d ... dense
- dis ... distant
- dt ... detached
- E ... East
- fg ... fog
- fk ... forked
- fl ... flying
- fr ... frequent
- g ... ground
- hy ... heavy
- hl ... halo
- hor ... horizon
- hz ... haze or hazy
- ld ... loud
- lg ... lightning
- lt ... light
- mt ... meteor
- N ... North
- nim ... nimbi
- ny ... nearly
- ovd ... overhead
- ovt ... overcast
- pt ... points
- pl ... part or partly or partial
- R ... Rain
- r-lw ... rain, low
- S ... South
- sc ... scattered
- sh ... sheet
- st ... stratus
- th ... thunder
- thk ... thick
- v ... very
- vd ... vivid
- W ... West

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REMARKS ON THE WEATHER FOR THE MONTH OF JULY 1855.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
June 30	ovt, ...	8	ovt, lt-R, ...	5	ovt, ...	8	ovt, ...	8	ovt, ...	8	... ...	..
July 1	... ...	..	... ...	..	... ...	..	... ...	..	... ...	..	cr-st, cr-hz, cr-cu,	4
2	do.	8	cu, cu-st, hz, ...	3	cu, cu-st, hz, ...	2	cu, cr-st, d-hz, hl-☽,	4	do.	8	cr, cr-hz, cr-cu, ...	6
3	cu, cr-hz, nim, lt-R,	6	cu, cr-hz, nim, ...	4	cu, cr-hz, ...	3	ny-ovt, ...	7	do.	8	ovt, ...	8
4	cu, cr-hz, ...	6	cu, cr-st, hz, ...	5	cu, cu-st, hz, ...	3	cu, cu-st, hz, ...	5	cu, cr, d-hz, ...	8	cu, cr-cu, hz,... ...	8
5	do.	4	cu, cu-st, cr-hz,...	6	cu, hz, lg-SW, ...	4	cu, cu-st, hz, lg-SW, W,	7	cu, cr-hz, ...	4	cu, cr-hz, ...	8
6	cu, cu-st, hz, ...	4	cu, cu-st, hz, ...	5	cu, cu-st, cr-hz, ...	2	ny-ovt, ...	8	ny-ovt, ...	7	ny-ovt, ...	7
7	d-cr-hz, ...	5	d-cr-hz, lg-SW,...	7	cu, cr-hz, lg-SW,	3	cu, hz lg-SW, ...	2	cu, cr-hz, lg-W, ...	8	... ...	..
8	... ...	..	... ...	..	... ...	..	... ...	..	... ...	..	cu, cr-hz, ...	5
9	ovt, lt-R, dis-th, ..	8	ovt, ...	5	cu-st, d-cr-hz, ...	6	ny-ovt, ...	7	ny-ovt, ...	7	cr-hz, cu, ...	5
10	cu, cr-hz, ...	8	cu, cr-hz, ...	6	cu, cr-hz, ...	7	cu, cr-hz, ...	6	cu, cr, cr-hz, ...	3	cu, hz, ...	5
1	do.	8	ny-ovt, ...	7	cu, cu-st, cr-st, hz,	6	cu, hz, ...	4	cr, cr-hz, ...	2	cu, cr-hz, ...	2
2	do.	7	cu, cr-hz, nim, ...	8	cu, cu-st, d-cr-hz, nim,	7	ovt, ...	8	ny-clear, ...	0	fl-cu, hz, ...	6
3	do.	8	cu, cu-st, cr-st, d-hz,	7	ovt, lg-W, N, ...	8	do, lt-R, nim, ..	8	ovt, ...	8	ovt, ...	5
4	cu, cr-hz, nim, th-N,	7	cu, cr-hz, nim, ...	6	cu-st, cr-hz, nim, lg, th-W,	6	fl cu, hz, nim, lg-W,	8	do. R,... ...	8	... ...	..
5	... ...	..	... ...	..	... ...	..	... ...	..	... ...	..	do.	5
6	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	do. lt-R, ...	8
7	do R, ...	8	do.	8	cu, hz, lg N, ..	6	do.	6	do.	8	ovt, ...	8
8	ovt, ...	8	fl-cu, cu-st, nim, ...	6	ovt, hy-R, lg W, NW,	8	fl-cu, nim, ...	6	cu, hz, ...	2	cu, hz, ...	2
9	cu, cr-hz, nim, ...	7	cu, cr-hz, nim, ...	7	ovt, lt-R, ...	8	ovt, ...	8	cr, cr-hz, cu,... ...	6	cr, cr-hz, cu,... ...	5
20	cu, cr-hz, ...	5	hy-cu, nim, ...	7	hy-cu, nim, ...	7	fl-cu, nim, R, ...	7	cu, hz, ...	5	cu, cr-hz, nim, ...	5
1	ovt, ...	8	ovt, ...	8	ovt, hy-R, lg-SE, ...	8	ovt, lg-SW, SE, R,...	8	ovt, ...	8	... ...	..
2	... ...	..	... ...	..	... ...	..	... ...	..	... ...	..	ny-ovt, ...	7
3	do.	8	do.	8	cu, d-hz, ...	6	cr, d-cr-hz, ...	7	clear, ...	1	cu, cr-hz, ...	3
4	cu, cr-hz, ...	2	cu, cu-st, cr-hz, ...	3	cr-st, cr-hz, ...	3	cr-st, cr-hz, ...	4	cr, cr-hz, ...	3	ny-clear, ...	0
5	d-cr-hz, cu, ...	7	cr-st, cr-hz, ..	4	cr-cu, cr-st, cr-hz, ...	5	ovt, ...	5	fl-cu, cu-st, ...	4	cu, cr-hz, ...	5
6	cu, cr-hz, nim, lt-R,	6	cu-st, cu, cr-hz, nim,	6	ovt, R, ...	8	fl-cu, nim, ...	8	cr-cu, cr-hz, ...	4	cr-cu, cr-hz, ...	6
7	cu, cr-cu, cr, cr-hz, ..	4	cu, cu-st, cr-hz, ...	4	cu, cu-st, cr-hz. ...	6	cu, cu-st, cr-hz, ...	6	cu, cu-st, cr-hz, ...	4	cu, cr, cr-st,... ...	6
8	cu, cu-st, cr-hz, nim,	5	cu, cu-st, ...	6	cu, cu-st, nim, ...	7	fl-cu, cr, ...	7	ovt, ...	8	... ...	..
9	... ...	..	... ...	..	... ...	..	... ...	..	... ...	..	ny-clear, ...	0
30	cu, cr-hz, nim, lt-R,	6	cu, cu-st, cr-st, nim,	5	cu, cu-st, cr-st, nim,	7	cu, nim, ...	7	fl-cu, hz, ...	8	cr-cu, cr-hz, cr-st,	7
1	ovt,...	8	hy-cu-st, hz,	7	cu, cr-st, hz,... ...	5	cu, cr-st, hz,... ...	6	cr-st, cr-hz, ..	4	cr, cr-hz, ...	3

REMARKS ON THE WEATHER FOR THE MONTH OF AUGUST 1855.

Date.	Noon	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	cu, cr-hz, nim, ...	8	ny-ovt, ...	7	cu, nim, lg-S, N, th-NW,	6	ny-ovt, lt-R, ...	7	ovt, ...	8	ovt, ...	8
2	cu, cu-st, hz, ...	4	cu, cr-hz, nim, ..	7	ny-ovt, th, R, lg-SW,	7	ovt, ...	8	ny-ovt, ...	7	cu, cr, cr-hz, ...	7
3	cu, cr-hz, ...	3	cu, cu-st, cr-hz, nim,	5	ovt, lg-W, NW, N,...	8	do, lg-NW, ...	8	ovt, lg-SE, ...	8	ovt, ...	8
4	cu, cr-hz, nim, ...	7	cu, cu-st, cr-st, hz, ...	7	ny-ovt, ...	7	cu, cu-st, cr-hz, nim, lg-S,	5	clear, ...	0	... ...	..
5	... ...	..	... ...	..	... ...	..	... ...	..	... ...	..	clear, ...	0
6	cu, cu-st, nim, ...	6	cu, cr-hz, ...	6	cu, cr-hz, ...	5	cu, cu-st, cr-hz, nim,	6	cu, cr-st, cr-hz, ..	4	cu, d-hz,... ...	3
7	cu, cr-hz, ...	7	hz, cr-cu, ...	5	cu, cr-cu, lg-W. ...	7	cr-st, hz, ...	3	cu, cu-st, cr-hz, nim,	5	cu, cr-cu, hz, ...	2
8	do.	2	cu, cr-hz, ...	2	cr-hz, lg-SW, ...	1	cu, hz, lg-S, ...	2	do.	4	cu, cu-st, hz, nim,	3
9	cu, cr-hz, nim, lt-R,...	6	do.	5	hy-cu, hz, lg-W. ..	6	cu, cu-st, hz,... ..	4	cu, cu-st, hz, ...	4	clear, ...	0
10	cu, cr-hz, ...	2	do.	2	cu, cr-hz, lg-SW.	1	cu, cu-st, cr-hz, nim,	0	cu, cr-cu, cr-st, hz,...	4	fl-cu, cu-st, ...	7
1	cu-hor, ...	2	cu-hor, cr, lg-W, th,	2	cu-hor, cr, lg-W, ..	1	ny-clear, lg-SW, W, .	0	ny-clear,.	0	... ...	..
2	... ...	..	... ...	..	... ...	..	... ...	..	... ...	..	clear, ...	0
3	ovt, ...	8	ovt, ...	8	cu, cu-st, d-hz, lg-S, ..	7	cu, cu-st, hz, nim, lg-S,	6	cu, cu-st, d-hz, ..	7	cu, cr, d-hz, lg-S, ..	7
4	cu, cu-st, nim, th-SW,	5	do. R, lg-W. ...	8	ovt, lt-R, lg-SW,	8	cu, cu-st, cr-hz, lg-SW,	5	cu, cu-st, cr-st, hz, ...	6	ovt, sh-lg-SE, ...	8
5	cu, cr-hz, nim, ...	6	ny-ovt, lg-SW, ...	8	cu, cu-st, d-hz, lg-S,	4	d-hz, lg-SW, .	7	cu, cr-st, cr-hz. ...	3	cu, cr-cu, cr-hz, viv-sh-lg S, SE,	3
6	do.	6	cu-st, cu, ...	4	cu, hz, lg S,... ..	4	cu, hz, lg-SW, ...	6	ny-ovt, ...	7	cu, cr-hz, nim, sh-lg-SW	5
7	cu, cr-hz, ...	5	cu, nim, th, lg, hl ☽	4	cu, nim, th, lg-S, W,	4	cu, cu-st, hz, viv-lg-SW	4	cu, cu-st, cr-hz, viv-lg SW	5	cu, cu-st, nim, fr-sh-lg SW,	7
8	d-cr-hz, cu, ...	7	d-cr-hz, cu, lg-SW,...	6	d-cr-hz, cu, cr-cu, lg SW,	7	d-cr-hz, cu, lg SW, ...	4	d-cr-hz, cu, ...	5	... . sh-W	..
9	... ...	..	... .	..	... ...	..	... .	..	... ...	..	ovt, ...	8
20	cu, cr-hz, ...	7	cu, cr-st, d-hz, ...	6	cu, d-hz, hl ☽ ...	6	cu, cr-st, d-hz, ...	5	cu, cr-cu, d cr-hz, ..	6	d cr-hz, cu, ...	7
1	do, nim, ...	8	cu, cr-hz, nim, ...	8	cu, cr-hz, nim, ...	8	ovt, ...	8	ovt, ...	8	ovt, sh-lg-E,... ...	8
2	ovt, ...	8	cu-st, cr-st, hz, ..	7	cu-st, cr-cu, cr-st, hz,	5	cu-st, cr-cu, cr-hz, nim,	8	cu, cu-st, cr-hz, nim,	8	cu, cr-hz, ...	6
3	cu, cr-hz, ...	5	hy-cu, cr-hz, nim,	6	hy-cu, cr-hz, cr-st, nim, R,	8	ovt, ...	8	ovt, ...	8	ny-ovt, ...	7
4	do, nim, ...	8	cu, cr-hz, nim, ...	6	cu, cr-hz, nim, ...	6	fl-cu, cu-st, cr-hz,	6	fl-cu, cu-st, cr-hz,	7	ovt, sh-lg-NW, ...	8
5	cu, cu-st, nim, ...	7	hy-cu, cu-st, nim,	7	hy-cu, cu-st, lg, ...	7	cu, cu-st, cr-hz, lg-SE,	7	cu, cu-st, cr-hz, lg-SE,	6	... ...	..
6	... ...	..	... ...	..	... ...	..	... ...	..	... .	..	ovt.	8
7	cu, cu-st, cr-cu, d-hz,	8	cu, cu-st, cr-cu, d-hz,	8	ovt, lt-R, ...	8	ovt, ...	8	ovt, lt-R, ...	8	do.	8
8	ovt, ...	8	ovt, ...	8	ovt, ...	8	do.	8	ny-ovt, ...	7	cr-cu, cr-hz, ...	6
9	cu, cr-hz, ...	3	cr-st, cr-hz, ...	2	cr-st, cr-hz, ...	2	cu, cr-st, hz, ...	2	cu, cu-st, cr-hz,...	[illegible]	cu, cu-st, cr-hz. ...	4
30	ovt, lt-R, ...	8	cu, cr-hz, cu-st, ...	6	cu, cr-hz, cu-st, ...	6	cu, cu-st, cr-hz, nim,	6	cu, cu-st, cr-st, cr-hz,	[illegible]	cu, cr-hz, ...	5
1	cu, cr-hz. ...	3	cu, cr-hz,	4	cu, cr-hz, ...	1	cu, cu-st, cr-hz,	1	cu, cu-st, cr-hz, nim,	8	cu, cu-st, cr-st, cr-hz	6

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard ... around
- cld ... clouds or cloudy
- cr or cir ... cirri or cirro or cirrous
- cu ... cumuli or cumulo
- D ... Dew
- d ... dense
- dis ... distant
- dt ... detached
- E ... East
- fg ... fog
- fk ... forked
- fl ... flying
- fr ... frequent
- g ... ground
- hy ... heavy
- hl ... halo
- hor ... horizon
- hz ... haze or hazy
- ld ... loud
- lg ... lightning
- lt ... light
- mt ... meteor
- N ... North
- nim ... nimbi
- ny ... nearly
- ovd ... overhead
- ovt ... overcast
- pls ... peals
- pt ... part or partly or partial
- R ... Rain
- r-bw ... rain-bow
- S ... South
- sc ... scattered
- sh ... sheet
- st ... stratus
- th ... thunder
- thk ... thick
- v ... very
- viv ... vivid
- W ... West

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REMARKS ON THE WEATHER FOR THE MONTH OF JULY 1855.

Date.	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Thermometers. Radiation. Sol.	Radiation. Ter.	Air. Max.	Air. Min.
J. 30	... ...	...	... ...	..	... ...	...	... .	...	... ...	...	... ...	...	119·6	75·1	101·9	79·3
1	cr-st, cr-hz, cr-cu,	3	cr-cu, cr-hz, ..	2	cr-cu, cr-hz, ...	2	cu, cr-st, cr-hz, ...	3	cu, cr-hz, ...	3	cu, cr-hz, ...	3	128·5	77·9	103·4	82·0
2	cr-hz, cr-st, ...	4	cr, cr-hz, ...	6	cu, cr-cu, cr-hz,	6	cu, cr-cu, cr-hz,	4	cu, cr-cu, cr-hz,	5	do, nim, ..	6	124·5	75·2	101·8	84·1
3	cu, cr-hz, ...	6	d-cr-hz, ...	8	cr-cu, cr-st, cr-hz,	6	cr-st, d-cr-hz, ...	7	cr-st, d-cr-hz, ..	6	ovt, ...	8	118·5	80·7	99·9	83·5
4	cu, cr-cu, hz, ...	8	cr-cu, cr-hz,	8	cr-cu, cr-hz, ...	6	cr-cu, cr-st, d-cr-hz	4	cr-cu, cr-st, cr-hz,	4	cu, cr-cu, cr-hz,	5	130·5	77·0	103·2	83·3
5	cu, cr-hz, ...	5	ny-ovt, ...	7	cu, cr-cu, cr-hz,	5	cu, cr-cu, cr-hz. ...	6	cu, cu-st, cr-hz, ...	5	cu, cr-hz, ..	5	135·5	78·7	99·4	82·2
6	ny-ovt, ...	7	do. ...	7	ovt, ...	8	ovt, ...	8	cu, cr-cu, d-cr-hz,	6	do, nim, ...	6	119·5	76·9	99·7	79·8
7	... ...	...	.. ..	...	... ..	...	... .	...	... ...	...	.. ..	..	129·5	77·4	100·8	80·5
8	cu, cr-hz, ...	4	cr-hz, cu, cr-st,	5	cu, cr-st, cr-hz, ...	6	cr-cu, cr-st, d-cr-hz,	6	cu, cr-st, d-cr-hz,	5	cu, cr-hz, ...	6	125·5	79·4	101·2	82·3
9	d-cr-hz, ...	5	ny-ovt, ...	7	ny-ovt, ...	7	ny-ovt, ...	7	cr-cu, cr-st, d-cr-hz,	6	do.	5	115·5	77·7	99·4	82·8
10	cu, hz, ...	3	cr-cu, cr-hz,	5	cu, cr, d-cr-hz, ...	5	cu, cr, d-cr-hz,	4	do, ...	5	do.	6	118·5	80·0	101·8	83·7
1	cu, cr-hz, ...	6	ny-ovt, ...	7	cu, cr-st, d-cr-hz,	6	ny-ovt, ...	7	ny-ovt, ...	7	ny-ovt, ...	7	115·5	77·2	100·7	84·0
2	fl-cu, hz, ...	8	cr-cu, cr-hz,	7	cu, cu-st, cr-hz, ...	7	cu, cu-st, cr-hz,	7	cu, cu-st, cr, cr-hz,	6	cu, cr-hz, ...	6	119·5	77·6	101·7	84·9
3	ovt, ...	8	cu, cr, cr-hz, ...	8	cu, cu-st, cr, cr-hz,	7	do.	6	cu, cu-st, cr-hz, ...	6	cu, cu-st, cr-hz, ...	6	120·5	76·1	101·7	82·2
4	... ...	...	... ...	...	. .. ...	...	... ...	...	... ...	...	... ...	...	128·5	76·6	100·6	81·0
5	do. ...	8	ovt, ...	8	ovt, ...	8	ny-ovt, ...	7	ovt, ...	8	ovt, ...	8	101·7	75·7	94·6	82·2
6	do.	8	do. ...	8	ny-ovt, ...	7	do.	7	cu, cu-st, cr-st, cr-hz,	7	cu, cr-hz, ...	7	115·5	75·4	99·2	82·5
7	d-cr-hz, ce, ...	7	cu, cr-cu, hz, ...	8	cu, cu-st, cr-hz,	4	cu, cu-st, cr-hz, ...	5	cu, cu-st, cr-hz, ...	6	do.	7	121·5	75·5	97·7	80·6
8	cu, hz, ...	3	cu, cr-cu, ...	5	cu, cr-cu, ...	6	cu, cr-cu, ...	5	cu, cu-st, d-hz,	6	cu, cu-st, d-hz,	6	120·3	74·6	100·1	80·5
9	cu, cu-st, cr-cu, cr-hz.	6	cu, cr-cu, cr-hz,	3	cu, cr-cu, cr-hz,	4	cu, cr-cu, cr-hz, ...	4	cu, cr-cu, cr-hz, ...	6	cu, cr-hz, ...	7	125·5	75·9	101·8	80·3
20	cu, cr-hz, ..	5	cu, d-cr-hz, ...	8	ovt, ...	8	cu, d-cr-hz, ...	6	cu, d-cr-hz, ...	6	ovt, lt-R, ...	8	120·5	77·3	98·6	82·5
1	... ...	...	... ...	...	.. ...	...	... ...	...	... ...	.	... ...	...	120·5	76·6	98·7	79·0
2	ovt, ...	8	cr, cr-cu, d-cr-hz,	6	cu, cr-cu, d-cr-hz,	5	cu, cr-cu, d-cr-hz.	4	cu, cr-cu, d-cr-hz,	5	do.	8	118·5	75·3	95·0	79·0
3	cu, cr-hz, ...	2	cu, cr-st, hz, ...	3	cr, cr-st, hz, ...	3	cr-cu, cr-st, cr-hr,	3	cu, cr-st, cr-hr, ...	3	cu, cr-hz, ...	4	130·5	74·7	100·0	80·7
4	cu, hz, ...	1	cu, cr-cu, hz,	2	cr-cu, cr-st, cr-hz,	8	cr-cu, cr-st, cr-hz,	4	cr-cu, cr-st, cr-hz,	4	cu, cr-cu, cr-hz,	5	121·5	74·5	98·8	82·0
5	cu, cr-hz, ...	3	cr, cr-hz, cu, ...	5	do.	4	do.	4	cu, cr-cu, cr-hz, ...	4	ce, cr-hz, ...	3	127·5	78·0	101·4	83·5
6	do.	5	cr-cu, cr-hr, cr-st,	7	cr, cr-hz, ...	4	cr, cr-hz, st, ...	3	cr-cu, cr-st, cr-hz,	4	cu, cr-ce, cr, cr-hr,	4	123·8	74·5	101·0	81·0
7	cr-st, hz, ...	3	cr, cr-hz, cr-st, ..	3	cr, cr-st, cr-hz, ...	4	cr, cr-hz, ...	2	cr-st, ce, hz, ...	2	cu, cr-hz, ...	3	130·5	77·4	101·5	82·3
8	... ...	..	... ...	...	... ...	...	... ...	...	... ...	...	... ...	..	126·1	78·1	100·5	82·5
9	ny-clear, ...	0	cr-hz, cr-st, ...	3	cr-st, cr-hz, ...	3	cr-st, cr-hz, ..	2	cr-cu, cr-st, hz, ...	3	do.	5	128·5	74·5	108·6	81·7
30	cu, cr-hz, ...	7	cu, cr-cu, hz,	7	cu, cr-cu, hz, ...	6	cu, cr-cu, hz, ...	6	cu, cr-cu, cr-st, hz,	6	hy-cu, cu-st, hz,	7	125·5	79·8	100·8	83·9
1	cr, cr-hz. ...	4	cr-cu, cr-hz, ...	6	cr-cu, cr-hz, ...	5	d-cr-hz, cr-st. ..	4	cr-hz, cu, ...	3	cr-hz, cu, ...	6	130·5	78·5	100·6	82·6

REMARKS ON THE WEATHER FOR THE MONTH OF AUGUST 1855.

Date.	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Radiation. Sol.	Radiation. Ter.	Air. Max.	Air. Min.
1	ovt, ...	8	ovt, ...	8	cr, cr-hz, ...	5	cr, cr-hz, ...	3	ce, cr-hz, ...	4	cu, ce-st, hz, ...	3	135·0	78·9	99·0	82·0
2	cr. cr-hz, ...	5	cu, cr-cu, cr-hz,	5	cr-cu, cr-hz, ...	6	cr, cr-hz, cr-st,	3	cr, cr-hz, cr-st,	3	cu, cr-hz, ...	2	128·5	76·7	100·7	80·7
3	ny-ovt, ...	7	cr-st, d-cr-hz, ...	4	cr-st, d-cr-hz, ...	5	cr-st, d-cr-hz, ..	4	cu, ...	8	cu, cr-hz, nim, ...	5	127·5	77·4	101·4	82·9
4	... ...	...	... ...	...	.. ...	...	... ...	...	... ...	...	... ...	..	130·5	74·1	99·0	80·7
5	cr, cr-hz, ...	2	cu, cr-hz, ...	2	cu, cr-hz, ...	3	cu, cr-hz, ...	4	cu, cr-hz, ...	5	cu, cu-st, nim, ...	6	135·5	77·6	98·2	82·6
6	cu, cr-cu, ...	3	cu, cr-cu, ...	4	cu, cr-cu, ...	3	cu, cr, cr-hz, ...	3	do.	5	cu, cr-hz, ...	6	138·5	76·4	100·6	82·1
7	cr, cr-hz, cu, ...	2	cr-ce, cr-hz, ...	3	cr-cu, cr-hz, ...	3	fl-cu, cu-st, ...	6	cu.	8	cu, cu-st, nim, ...	6	135·5	80·2	97·4	82·2
8	cu, cr, cr-hz, nim,	6	cu, cr, cr-hz,	6	ce, cr-cu, hz, ...	3	cu, cr-cu, hz, ...	2	cu, cr-hz, ...	4	cu, cr-hz, ...	3	140·5	77·4	98·1	82·2
9	cu, hz.	2	cr-cu, hz, ...	3	cr-cu, hz, ...	2	sc-cu, hz, ...	2	do.	3	do.	3	139·5	77·0	97·4	82·5
10	cu-hor, ...	2	cr-cu, cr-hz,	3	cu, d-hz, ...	6	fl-cu, hz, ...	3	fl-cu, hz, ...	2	fl-ce, hz, ...	2	138·5	78·0	98·9	82·7
1	... ...	...	... ...	...	... ...	...	... ...	...	... .	...	... ...	...	115·8	78·8	97·0	83·2
2	cu, hz, ...	2	cr-cu, cr-st, hz,	5	cu, cr-cu, hz, ...	6	cu, cu-st, cr-hz,	7	ovt, ...	8	ovt, ...	8	130·5	79·8	92·8	82·7
3	ny-ovt, lg-S, ...	7	ovt, ...	8	ovt, ...	8	cu, cr-cu, cr-hz, ...	8	cu, hz, ...	3	cu, cu-st, hz, ..	6	135·3	75·0	98·6	81·0
4	ovt, ...(SE,	8	ny-ovt, ...	7	cu, cr, cr-st, hz,	7	cu, cr, cr-st, hz,	6	cu, cr-hz, ...	5	cu, cr-hz, ...	4	134·5	76·0	95·0	80·0
5	cu, cu-st, d-hz, viv-sh-lg	5	ce, cu-st, cr-cu, hz,	6	ovt.	8	cu, ...	7	cu, cu-st, ...	6	cu, nim, th-SW, ...	7	134·5	76·6	96·1	82·0
6	cu, cr-hz, nim, sh-lg-S	7	cu, cu-st, cr-hz, nim	6	cu, cu-st, cr, ...	8	cu, cu-st, cr, ...	6	cu, cu-st, cr, ...	5	cu, cr-hz, ...	5	140·5	75·8	97·6	79·7
7	ny-ovt, ...	7	cu, cu-st, cr-cu, d-hz	7	ce, hy-cu, ...	5	cu, cr, cr-hz, ...	7	cu, cr, cr-hz, ..	8	hy-cu, cu-st, cr-hz, nim,	7	135·5	77·5	95·8	80·1
8	... ...	...	... ...	...	... ...	...	... ...	..	... ...	...	. ...	...	124·5	77·2	95·7	80·9
9	ny-ovt, ...	7	cu, cr-cu, cr-hz,	6	cu, cr-cu, cr-hz, ...	6	cr, cr-hz, ...	7	cr, cr-hz, cr-st, ...	5	cu, cr-hz, ...	7	140·5	76·6	97·8	82·2
20	d-cr-hz, cu,	7	d-cr-hz, cu, ...	7	lt-ovt, ...	8	ovt, ...	8	cu, d-hz, ...	7	ce, d-hz, ...	6	120·5	76·9	96·2	82·0
1	ny-ovt, sh-lg-NE,	7	ny-ovt, ...	7	ovt, ...	8	do.	8	ovt, ...	8	ovt, ...	8	ovt.	77·7	95·0	82·6
2	cu, cr-hz, ..	6	cu, cr-ce, cr-hz,	5	cr, cr-hz, ...	1	cr, cr-st, hz, ...	4	cr, cr-st, cu, ...	5	cu, cr-hz, ...	4	135·5	78·0	99·7	81·9
3	ny-ovt, ...	7	ny-ovt, ...	7	do.	4	cu, cr-hz, ...	6	hy cu, cu-st, cr-st, hz	6	ovt, lt, ...	8	120·5	75·4	97·0	80·9
4	ce, cr-hz, ..	8	cu, cu-st, cr-cu, cr-hz	6	cu, cu-st, cr-cu, cr-hz,	5	cu, cr-st, cr-hz,	3	ce, cr-st, hz, ...	4	cu, cu-st, nim,	7	140·5	75·0	99·1	80·0
5	... ...	..	... ...	...	.. ..	..	... ...	...	.. ...	..	... ...	...	130·5	74·9	98·4	81·2
6	ovt, ...	8	ny-ovt, ...	7	cr-cu, d-hz, ...	5	cu, cr, cr-cu, ..	8	cu, cu-st, cr-st, d-hz,	7	cu, cu-st, cr-st, d-hz,	7	129·3	77·0	96·8	83·8
7	ny-ovt, ...	7	do. .. .	7	ovt, ...	8	ovt, ...	8	cr, cu, cr-cu, ...	7	ny-ovt, ...	7	124·0	75·2	94·0	79·4
8	cu, cr-hz, ...	4	cu, cr-cu, cr-hz,	5	cr-cu, cr-hz, ...	6	cr-hz, cr-st, ...	4	cr-st, cr-hz, ...	5	cu, cr-hz, ...	5	144·4	74·6	98·6	80·8
9	cu, cr-st, cr-hz,	2	cu, cr-st, cr-hz, ..	3	cr-cu, cr-st, hz, ...	3	cu, cr-cu, cr-st, ...	6	cu, cu-st, hz, ...	6	do, nim, ...	8	129·2	75·3	98·5	81·7
30	cr-hz, cr, ...	2	cr-hz, cr, ...	1	cr-hz, cr, ...	1	clear, ...	0	cu, lt-hz, ..	1	fl-cu, ...	3	130·7	72·8	100·0	80·2
1	cu, ...	5	ny-clear, ...	0	cr-st, hz, ...	1	ny-clear, ...	0	cu, cu-st, lt-hz, ...	5	cu, cu-st, cr-hz,	6	142·5	75·2	95·8	82·6

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard.........around
- cld... ......clouds or cloudy
- cr, cr, cir...cirri or cirro or cirrous
- cu... ......cumuli or cumulo
- D... ... ...Dew
- d............dense
- dis.........distant
- dt.... ......detached
- E... ... ..East
- fg...... ...fog
- fk... ... ...forked
- fl............flying
- fr... ... ...frequent
- g ....ground
- hy... ....heavy
- hl... ....halo
- hor..........horizon
- hz... ....haze or hazy
- ld... ... ...loud
- lg .. ..lightning
- lt.............light
- mt... ... ...meteor
- N... ... ...North
- nim...... ..nimbi
- ny... ... ...nearly
- ovd..........overhead
- ovt... ... ..overcast
- pe ....peals
- pt... ... ...part or partly or partial
- R.............Rain
- r b..... ...rain-bow
- S.............South
- sc............scattered
- sh ....sheet
- st ....stratus
- th ....thunder
- thi .. ..thick
- v......... ...very
- viv... ... ...vivid
- W... ......West

REMARKS ON THE WEATHER FOR THE MONTH OF SEPTEMBER 1855.

Date.	Gottiegen Mean Time. NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	cu, cr-hz, nim, ...	6	cu, cr-hz, nim, ...	7	ny-ovt, ...	7	ovt, ...	8	ny-ovt, ...	7	... ...	...
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz, ...	4
3	cu-st, cr-st, hz. ...	4	cu, cr-st, ...	5	cu, cr-st	5	cu, cu-st, cr-hz, nim,	6	cu, cu-st, cr-hz, nim,	6	cr-cu, cr-hz, ...	6
4	cu, cr-hz, nim, ...	7	ny-ovt, ...	7	cu,hz, ...	5	cu, cu-st,d-hz,lt-R, ...	7	nvt, ...	8	cu,cr-cu,cr-hz,nim,fr-sh-lg-N	7
5	nvt, lt-R, ...	8	nvt, ...	8	cu, d-hz, ...	5	cu, cu-st, d-hz,...	5	cu, cu-st, cr-hz, ...	4	cu, cu-st, cr-hz, ...	4
6	nu, cr-hz, nim, ...	4	fl-cu, nim, hz, ...	6	ovt, lg-SW-hor, R,	8	cu, hz, ...	2	do.	4	do.	3
7	cu, cr-hz, ...	5	cu, cr-hz, ...	4	cu, cr-hz, ...	5	cu, cr-hz, ...	4	ny-clear, ...	0	cu, cr-st, cr-hz,...	8
8	do.	6	cr, cr-st, cr-hz, cu,	6	cu, hz, lg-SW,W,	5	do.	6	ovt, R, ...	8	... ...	...
9	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-hz. ...	2
10	cu, cr-cu, cr-hz,	2	cr-cu,cr-st,cr-hz,lg-W	1	cu, cr-cu, lg-W, ..	1	nu, sh-lg-W,N, ...	1	cu, cu-st, cr-hz,...	4	cu, cu-st, cr-hz, ...	3
1	cu, cr-hz, ...	2	cu, cr-hz, lg-SW, ...	2	ny-clear, lg-SW, ...	1	ny-clear, lg-SW,	0	ny-clear, ...	0	ny-clear,... ..	0
2	do.	2	cr-cu, cr-st, cr-hz,	5	cr-cu, cr-st cr-hz,	7	nr-st, cr-hz,cu,lg-SW,	6	cu, cr-st, cr-hz,...	4	cu, cr-st, cr-hz, ...	6
3	do.	6	cu,cr,cr-hz,nim fr-th-NW,	6	cu, cr, cr-hz, ...	4	cu, cr-hz, ...	2	cu, cr-hz, ...	5	cu, cu-st,cr-hz, nim, R	7
4	fl-cu, hz, nim, ...	8	cu, cr, cr-hz, ..	7	do.	6	do, nim, ...	5	do, nim, ...	4	cu, cr-st,cr-hz,lg-SW,	5
5	cu, d-cr-hz, ...	3	cu, d cr-hz, lg-NE, SW,	5	cu, d-cr-hz, ...	3	cu, cr-st, hz, ...	3	cu, cu-st, cr-cu,hz, ...	4	... ...	...
6	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu,cr-hz, ...	7
7	cu, cr, cr-hz, ..	6	cu, cu-st, cr-hz, ...	7	cu, cr-hz, ...	3	cu, cr-hz, ...	1	ny-clear, ...	0	ny-clear, ...	0
8	cu, d-hz,... ...	4	cu, cr-st, hz, hl-☽ ...	4	cu, cr-st, hz, hl-☽	4	cu, cr-st, hz, ...	4	lt-hz, cu, ...	2	cu, cr-cu, cr-hz,	3
9	cu, cu-st, cr-hz, ...	4	cu, hz, lg-SW, ...	2	cu, hz, ...	3	cu,cu-st, hz, lg-SW,	3	cu, cr-hz, ...	3	cu,cr-hz,nim,sh-lg-SE	4
20	cu, cr, cr-hz, ...	3	cu, st, ...	2	cu, cr-cu, hz, ...	3	hy-cu, cu-st, hz, ...	6	do.	7	cu, cr-hz,nim, ...	6
1	cu, cr-cu, cr-hz, ...	4	cu, cr-cu, cr-hz,	6	cu, cr-cu, cr-hz, ...	4	clear, ...	0	clear, ...	0	clear, ...	0
2	fl-cu, nim, ...	4	cu, nim, lg-NW, ...	7	cu, cu-st, cr-cu,	7	cu, cr-hz, ...	7	cu, cr-hz, ...	7	... ...	...
3	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-cu, cr-hz,lg-W	6
4	cu-hor, ...	2	cu-st, hz, lg-W by N,	3	cu,cu-st,cr-st,viv-lg-NW	0	hy-cu,cu-st,cr st,lg-W,NW	7	ovt,fr-viv-sh-lg,hy-ps-th,R	8	ovt, lg, th, R, ...	8
5	cu, d-hz, ...	7	cu-st,cr-st,cr-cu,hz,lg-W	5	nvt, lg-W, ...	8	cu, cr-hz, cr-cu, ..	5	nu, cr-st, ...	3	cu, cu-st,cr,cr-hz,	5
6	cu-hor, ...	1	cu-W-hor, ...	1	cu,cr-st, hz, lg-NW,	3	cu, cr-st, hz, lg-NW,	3	do.	1	ny-clear, ...	0
7	do.	2	cu, cr, cr-st-W-hor,lg SW,	1	clear, lg, ...	0	cr-cu, cr-st, lg-W ...	3	ny-clear, ...	0	do.	0
8	do.	2	ny-clear,lg-W-hor, ...	0	ny-clear, lg-W-hor,	0	cu, hz, lg-W,SW,	5	cu, cu st, cr-hz,... ...	5	cr, cr-hz, cu, ...	6
9	cu, d-hz, ...	7	cu, cu-st,d-hz,lg-NW,	7	cr,cr-st,cu,cu-st,lg-WNW	5	cu,cr-cu, cr-hz, sh-lg-NW	7	cu, cr-hz, ...	6	... ...	...
30	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu,cr-cu,cr-hz,sh-lg,	4

REMARKS ON THE WEATHER FOR THE MONTH OF OCTOBER 1855.

Date.	NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	fl-cu, d-cr-hz, ...	7	cu, d-cr-hz, ...	5	cu, hz, lg-SW, ...	3	cu,cr-st,d-hz,lg-SW,	5	cu, cr-hz, ...	5	cu, cu-st, cr-hz, ...	5
2	ovt, th-W, R, ...	8	ovt, lg-N, ...	8	ovt,R,fr-viv-lg,ps-th,	8	ovt, ...	8	ny-ovt, ...	7	cu, cr-hz, ...	5
3	cu, cr-hz, nim, ...	6	cu, cu-st, cr-hz, ...	4	ny-ovt, ...	8	ny-nvt, ...	7	do.	7	do.	4
4	cu, cr-hr, ...	5	cu, hz, ...	2	cu, cu-st, cr-hz, lg-N,	3	cu,cr-cu,cu-st,viv-lg-WNW	5	cu, cr-cu, ...	6	ny-nvt, lg-N, ...	7
5	ovt, ...	8	do.	5	cu, hz, ...	5	cu, cr-st, hz,... ...	2	cu, nr-hz, ...	3	cu, cr, cr-hz, fg, ...	6
6	ny-ovt, ...	7	cy-ovt, ...	8	nvt, ...	8	cu, hz, ...	4	nvt, ...	8	... ...	...
7	... ...	...	... ...	...	... ...	...	... ...	...	... .	...	ovt, R, ...	8
8	ovt, ...	8	ovt, ...	8	fl-cu, hz, ...	4	fl-cu, hz, ...	4	ny-ovt, ...	7	cu, cr-hz,... ...	4
9	cu, cu-st, cr-hr, ...	5	cu-st,cr-cu,hz,lg-NW,	3	cu, hz, lg-W,SW, ...	6	fl-cu, fr-sh-lg-W, ..	5	fl-cu, cr-hz, sh-lg, ...	4	do. sh-lg-NE, ...	3
10	cu, cr-hz, nim, ...	6	cu-st, cr-cu, cr-st, hz,	4	cu, cr-cu, lg-SW,	3	hy-cu, nim, lg-SW,	5	ny-clear, lg, ...	0	fl-cu, nim, lg, dis-th,	4
1	cu, cu-st, cr-hz, nim,	7	cu,cr-st,hz,lg-S SW,	4	cu, hz, lg-W,... ...	2	cr-cu,cu-st,hz,lg-W,...	6	ny-clear, ...	0	cr, cr-hz, cu, sh-lg,...	2
2	cu, cr, cr-hz,... ...	8	cr-hz. cr-st, lg-NW,...	3	do.	7	cu, cr-cu, hz, ...	7	ovt, ...	8	cu, cr-hz, ...	4
3	cu, cr-hz, ...	5	cu, cr-st, hr, ...	3	cu,cr-st,hz,lg-NW-hor,	3	cr-cu, cu-st, cr-hz, ...	7	cu, hz, ...	6	... ...	...
4	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu,cr-hz,nim,sh-lg-NE,lt-R,	7
5	cu, cr-hz, cr-st, ...	4	cu, cr-hz, ...	2	cr-hz, lg-WNW,	2	fl-cu,cr-st,hz,lg-W, ..	5	nvt, hv-R, lg-SW, ...	8	cu, hz, lg-SW, ...	5
6	cr-hz, cu, ...	2	cu, hz, lg-W,NW, ...	2	cu, hz, lg, ...	1	cu,d-hz,lg-W, NW,N,	4	cu, d-hz, lg-W,N,	6	cu,hz, ...	3
7	cu, cu-st, cr-hz. ...	4	cu,cr-cu,cr-hz, lg-NW,	5	cu cr-cu,cr-hz,lg-NW,	7	cu-hor, sh-lg-N, ...	3	cu, hr, sh-lg-NE. ...	4	cu,cr-hz,nim,sh-lg-NW,	5
8	cy-ovt, ...	7	d-cr-hz, cu, ...	7	d-cr-hz, cu, ...	7	d-cr-hz, cu, ...	7	ovt, ...	8	ovt, hy-R, ...	8
9	ovt, R, ...	8	cu, cu-st,hy-cu-st,nim,	7	nvt, ...	8	nvt, ...	8	ny-ovt, ...	7	do, lt-R, ...	8
20	cu, cr, cr-hr, ...	5	cu, cr-hz, cr-st, lg, ...	3	cu, cr-cu, cr, hz, lg,...	5	fl-cu,cu st,cr-st,hz,lg-N,	6	fl-cu,cu-st,cr-st,hz,lg-W,lt-R	8	... ...	...
1	... .	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt, R, sh-lg-N,...	8
2	ovt, ...	8	ovt, lg-SW, ...	8	nvt, lg-SW, ...	8	ovt, ...	8	ovt, ...	8	do, R, ...	8
3	do.	8	cu, cu-st, cr-hz, ...	7	cu, cu-st, cr-hr,...	6	cr-hz, cr-st, ...	3	cu, cr-cu, ...	8	cu, cr-cu, ...	7
4	do.	8	ovt, ...	8	cu, cr-cu, cr-hz,	6	cu, cr-cu, hz, ...	7	cu, cr, cr-hz, ...	4	do.	7
5	cu, cr-hz, ...	6	cu, cr-hz,sh-lg-N,NW,	4	cu, cr-cu, cr-st, ...	4	cu,cr-cu,cr-st, lg-NW,	2	cu,cr-cu, hz,... ...	7	cu, cr-cu, hz, ...	7
6	do.	3	cu, hz, ...	3	cu, hz, lg-W, ...	3	cu, hz, lg-W, ...	3	fl-cu, cu-st, hz, ...	6	fl-cu, cu-st, hz, ..	5
7	cu,cu-st, cr-hz, nim,	6	cu,cu-st,hz,lg-S,SW,W,NW,N	7	nvt, lg, th, ..	8	nvt, R, fr-lg, th,...	8	ny-ovt, ...	7	... ...	...
8	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu,cr-cu,cr-hz, th-NE	7
9	cr-cu, cr-hz, cr-st,	4	cr, cr-st, hz, ...	2	cr, cr-st, hz, ...	2	cu, cr-st, hz, ...	2	clear, ...	0	clear, ...	0
30	clear,...	0	clear, ...	0	clear,...	0	cr-cu, lt-hz, ...	2	cu, cr-hr, ...	2	do.	0
1	cr-hz, cr-cu, cr, ...	8	cr-hz,cr-st,cu-NE-hor,	4	cr-hz,cr-st,cu-NE-hor,	4	cr-hz, cr-st, ...	5	fl-cu, cr-hz, ...	3	cu, cr, cr-hz, ...	6

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard...around
- cl...clouds or cloudy
- cr. or. cir...cirri or cirro or cirrous
- cu...cumuli or cumulo
- D...Dew
- d...dense
- dis...distant
- dt...detached
- E...East
- fg...fog
- fk...forked
- fl...flying
- fr...frequent
- g...ground
- hy...heavy
- hl...halo
- hor...horizon
- hz...haze or hazy
- ld...loud
- lg...lightning
- lt...light
- mt...meteor
- N...North
- nim...nimbi
- ny...nearly
- ovd...overhead
- ovt...overcast
- ps...peals
- pt...part or partly or partial
- R...Rain
- r-b...rain-bow
- S...South
- sc...scattered
- sh...sheet
- st...stratus
- th...thunder
- thk...thick
- v...very
- viv...vivid
- W...West

REMARKS ON THE WEATHER FOR THE MONTH OF SEPTEMBER 1855.

Date.	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Thermometers. Radiation. Sol.	Radiation. Ter.	Air. Max.	Air. Min.
1	... ...		... ...		... ...		... ...		... ...		... ...		139·5	74·9	87·5	83·3
2	cu, cr-hz, sh-lg-NE,	7	cu, cr-hz, cr-st,	6	cu, cr-hz, cr-st, ..	7	ovt, ...	8	cu, cr-st, d-hz,	6	cu, cr-hz, ...	8	132·5	75·0	100·2	83·2
3	cu, cu-st, cr-hz, nim	7	cu,cu-st,cr-hz,nim	7	cr,cr-st,cr-hz, ...	6	cu, cr-st, hz, ...	5	cu, cu-st, hz, ...	5	cu, cu-st, hz, ...	4	140·5	76·5	96·6	81·0
4	cu, cr-cu, cr-hz,	7	cu, cu-st, cr-hz,	7	ovt, ...	8	ny-ovt, ...	7	ny-ovt,... ...	7	ovt, ...	8	130·6	78·3	87·8	81·9
5	cu, cr-hz, ...	3	cu, cr-cu,cr-hz,...	6	cu, d-hz, ...	7	ovt, ...	8	ovt, ...	8	cu, cr-hz, nim, ..	6	131·6	79·3	87·4	82·3
6	do. ...	3	cu, cu-st, cr-hz,	5	cr-st, hz, ...	1	hz, cr-st, ...	2	cr-st, hz, ...	4	cu, cr-hz, ...	3	133·5	76·3	93·5	81·1
7	cr, cr-hz, ...	3	cr-hz,cr-st, ...	4	cr-hz, cr-st, ...	3	cr, cr-hz, ...	3	cu, cr-hz, ...	4	do.	4	134·5	77·4	89·8	81·6
8	... ...		... nim.		... ...		... ...		... ...		... ...		109·3	74·8	91·3	77·2
9	cu, cu-st, cr-hz,	4	cu, cu-st, cr-cu, cr-hz	5	cu, cr cu, cr-st,hz,	2	cu,cr-cu, ...	3	cu, cr-cu, ...	3	do.	4	138·5	75·4	93·5	79·6
10	cu,nim,fr-sh-lg-W,N,	5	ovt, th-W, lt-R,	6	cu, cr-cu, ...	5	do.	6	cu,cr-cu,cu-st,cr-st,hz,	6	do.	3	135·5	75·5	83·3	77·0
1	ny-ovt,fr-sh-lg-S,	7	cu, cr-cu,cr-st,hz,	3	cu, cr-cu, cr-st, hz,	2	cr-st, hz, ...	1	cr-st, hz, ...	2	do.	1	140·5	76·9	95·5	82·2
2	ovt, ...	8	cu, cr-cu, cr-hz,	6	cu, cr-cu, cr-hz, ...	1	cu, cr-cu, cr-hz,	4	cu, cr-cu, cr-hz,	7	cu,cr-hz,nim,th-NW	6	130·5	75·6	96·3	80·2
3	do, fr sh-lg,hy-R,th,	8	cy-ovt, ...	7	cy-ovt, ..	7	cy-ovt, ...	7	cu, cu-st, cr-hz, ...	7	cu, cu-st, cr-hz, ..	7	113·0	78·5	93·6	76·1
4	cu, cu-st, cr-hz,	6	cu, cr-cu, cr-hz,	7	cu, cr-cu, cr-hz, ...	7	cu,cu-st,cr-cu,cr-hz,	6	fl-cu, cu-st, cr-hz,	7	cu, d-cr-hz, ...	6	128·0	78·0	94·1	80·[illegible]
5	... ...		... ...		... ...		... ..		... ...		... ...		123·5	78·2	96·2	80·[illegible]
6	cu, cr-hz, ...	5	cu, cr-hz, ...	3	cr-cu, hz, ...	2	cu, cu-st,hz, ...	3	fl-cu, cu-st, ..	5	fl-cu, cu-st, nim,	6	133·0	76·8	96·8	80·[illegible]
7	cr-cu, cr-st, hz,...	2	cu, cr-st, cr-hz, ..	4	cr, cr-hz, cr-st,	3	cu,cr-st, cr-hz, ...	3	cu,cr-st, cr-hz, ..	5	fl-cu, d-hz, ..	6	135·2	77·3	94·4	80·[illegible]
8	cu,cr-hz,sh-lg-NE	3	cu,cr-cu, cr-st,hz,	5	cr-cu,cr-hz, ...	3	cu, cr-cu,cr-hz,	4	fl-cu, cu-st, hz,	5	fl-cu, cu-st, hz,	4	142·0	75·3	94·1	81·6
9	ny-clear, ...	0	cr-st, cr-hz, ...	1	cr-st, cr-hz, ...	2	sc-cu,cr-st,cr-hz, ..	4	cu, cu-st, cr-hz, ...	4	cu, cu-st, cr-hz, ...	5	145·3	76·4	95·3	82·[illegible]
20	cu, cr-hz, ...	3	cu,cu-st,cr-hz,nim,	[illegible]	cu, cu-st, cr-hz, ...	3	cu, cu-st, cr-hz,	2	cu, cu-st, ...	2	cu, cu-st, ...	3	140·5	75·9	95·8	81·[illegible]
1	do.	2	cu, cr-hz-hor, ...	[illegible]	cu,cr-st-hor, ...	2	8 cu, hz, ...	3	fl-cu, cu-st, ...	3	cu-hor, ...	3	125·3	76·6	95·0	82·1
2	... ...		... ...		... ...		... ...		... ...		... ..		135·5	76·8	93·3	81·[illegible]
3	cu,cu-st,cr-hz,nim,lg R.	8	cu,cu-st, cr-hz, ...	[illegible]	cu,cu-st, cr-hz,	5	cu, cu-st, cr-hz, ...	2	sc-cu, hz, ...	2	do.	3	137·0	71·9	92·0	80·[illegible]
4	ovt, R, ...	8	ovt, lt-R, ...	[illegible]	ny-ovt, ...	7	do.	7	cu, cu-st, cr-hz,	7	cu, d-hz, ...	7	128·0	72·8	90·6	74·4
5	ovt,... ...	8	ovt, ...	[illegible]	ovt, ...	8	do.	6	cu, cr-cu, hz, ...	6	cu, cr-cu, st, ...	4	130·1	73·6	89·7	78·3
6	cu, cu-st, cr-hz,	4	cu, cu-st,cr-hz, ..	[illegible]	sc-cu, cr-hz, ...	3	sc-cu, cu-st, cr-hz,	3	cu, cu-st, ...	3	cu, cr-hz, ...	2	141·5	74·3	90·4	78·4
7	cu-hor, ...	1	cu-hor, ...	[illegible]	fl-cu, cu-st, cr-hz,	3	8-cu, cu-st, cr-hz,...	3	do. hor, ...	3	cu, cu-st-hor, ...	3	138·0	75·3	31·3	78·4
8	cu, cr-cu, cr-hz,	4	cu, cr-cu, cr-hz,	4	cu, cr-cu, cr-hz, ...	3	cu, cu-st, cr-hz,	8	8-cu, cr-hz, ...	8	cr, d-cr-hz, th-W,	6	139·3	78·6	91·1	73·5
9	... ...		... ...		... ...		... ...		... ...		.. ...		117·5	74·4	90·4	80·3
30	cu, cu-st,cr-cu,hz,	7	ovt,... ...	[illegible]	ovt, ...	8	ovt, ...	8	cu, cr-cu, cr-hz,	6	cu, d-hz, ...	6	130·0	75·5	81·8	73·3

REMARKS ON THE WEATHER FOR THE MONTH OF OCTOBER 1855.

Date.	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Thermometers. Radiation. Sol.	Radiation. Ter.	Air. Max.	Air. Min.
1	cu, cu-st, cr-hz,	5	cu, cu-st,cr-hz,...	6	cu, cr-hz, ...	3	cu, cr-hz, ...	3	cu, cr-hz, ...	8	cu,cr-hz,nim-NW,th	4	186·5	76·2	97·1	80·1
2	cu, cr-cu,hz, ...	7	cu, cr-hz, ...	3	cu,cu-st,cr-cu,cr-hz,	4	cu,cu-st,cr-cu,cr-hz,	3	cu,cu-st,cr-cu,cr-hz,	6	do. fr-th-NW, ..	6	130·5	74·2	93·5	75·3
3	cu,cr-hz, ...	4	cr, cr-hz, ...	4	cr-cu, cr-st, cr-hz	4	cr-cu, cr-st, cr-hz,	3	cu, cu-st, cr-hz, ..	3	cu,cr-hz,nim,th-NW	6	143·5	75·4	94·7	80·5
4	ny-ovt, lg-N, ...	7	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt.	74·4	88·8	81·9
5	cu, cr-hz, hy-lg,	6	fl-cu, nim, th-E,	7	ny-ovt,... ...	7	ny-ovt, ...	7	cu, cu-st, cr-hz, ...	6	cu, cu-st,cr-hz, ...	6	134·5	74·6	89·9	77·9
6	... ...		... ...		... ...		... ...		... ...		... ...		ovt.	77·1	85·3	79·3
7	ovt, ...	8	ovt, R, ...	8	ovt, R, ...	8	ovt, ...	8	ovt,...	8	ovt,... ...	8	ovt.	71·6	79·9	73·8
8	cu, cr-hz, ...	2	cu, cr-cu, hz, ...	3	cu, cr-cu, hz, ...	3	cu, cu-st, cr-hz, ...	4	cu, cu-st, cr-hz,	4	cu, cu-st, cr-hz, ...	6	126·5	70·9	87·3	74·3
9	ovt, ...	8	cu, cr-cu, st, ..	6	cu,cu-st,cr-hz,nim,lt R	6	cu, cr-st, cr-hz, nim,	7	ovt, R, ...	8	do.... ...	6	112·7	75·8	87·0	79·1
10	do, R,... ...	8	fl-cu, nim, ...	6	fl-cu, nim, ...	6	ovt, ...	8	do.	8	ny-ovt, ...	8	126·0	74·6	85·0	77·7
1	ovt, dis-th, lt-R, sh-lg	8	ovt, R, ...	8	ovt, ...	8	do.	8	do.	8	cu, cr, cr-hz, ...	6	127·5	74·6	87·1	75·9
2	cu-hor, ...	2	fl-cu,...	3	cu, cu-st, cr-hz, ...	4	cu, cu-st, cr-hz, ...	6	fl-cu, cu-st, cr-hz,	6	cu, cr-hz, nim, ..	5	133·5	74·2	86·9	77·3
3	... ...		... ...		... ..		... ...		... .		... ...		116·5	74·2	86·6	76·1
4	cu, cr-hz, ...	4	cu, cr-hz,... ..	3	cu, cr-st, cr-hz, ...	4	cu, cu-st, cr-hz, ...	4	cu, cu-st, cr-hz,	4	cu, cr-hz, ...	5	142·0	74·3	89·1	76·3
5	clear,...	0	ny-clear. ...	0	cu, cr-cu, cr-hz,	4	do.	4	do.	4	cu,cu-st,lt-cr-hz,nim-SW	2	134·5	74·8	89·1	78·4
6	cy-ovt, sh-lg-N,	7	cr-cu, cr-hz, ...	4	cr-st, cr-hz, cu, ...	4	cu, cr-hz, nim, ...	6	cu, cu-st, cr-hz,nim.	6	cu, cu-st, cr-hz, nim,..	4	141·7	77·7	90·3	79·4
7	ovt, ...	8	ovt,... ...	8	cu,cu-st, cr-hz, ..	6	cu, cu-st, cr-hz,	7	cu, cu-st, d-cr-hz,...	7	ovt, ...	6	120·5	78·0	90·9	80·3
8	do, R,... ...	8	do	8	ovt, ...	8	cu, cr-cu, nim, ...	7	3-cu, nim, ...	7	cu, cr-hz, nim,...	7	128·5	73·7	86·0	74·9
9	do, lt-R, ...	8	do. ...	8	ny-ovt, ...	8	cu, cr, cr-st, cr-hz,	6	8-cu, hz, ...	6	cu, cr, cr-hz, ...	6	112·5	74·2	87·9	76·2
20	... ...		... .		.. ..		... ...		... ...		... ...		131·4	76·0	88·5	78·0
1	ovt, ...	8	do, r-b-W,	8	cu,cu-st,cr-cu,cr-hz,	5	cu,cu-st,cr-cu,cr-hz,	7	ny-ovt,...	7	ovt, lt-R, ...	6	135·5	74·5	88·0	76·4
2	do.	3	cu, cr-cu, ...	8	do.	6	do.	7	cu,cu-st,cr-cu,cr-hz,	6	do, ...	8	140·6	75·1	88·0	76·8
3	do.	8	fl-cu, cu-st, hz,	7	fl-cu, cu-st, hz,,	6	cu,cu-st, cr-hz, nim,	5	cu, cu-st, cr-hz, nim	5	do, dis-th-SW,	8	186·5	72·6	88·0	76·1
4	cu, cr-cu, ...	7	cu, cr-cu, ...	7	cu,cr-cu,cu-st, ...	6	cu, cu-st, cr-st, hz,	5	cu-st, hz,... ...	6	cu-st, cr-st, hz, ...	3	131·5	76·6	87·8	77·0
5	cu, cu-st, cr-hz,nim,lg-NW	7	cy-ovt, ...	7	ovt, ...	8	ny-ovt, ...	7	ny-ovt, ...	7	cu, cu-st, d-cr-hz,	5	115·3	77·0	88·4	79·8
6	cu, cr-hz, ...	6	cu, cr-cu, hz, ...	3	fl-cu,cu-st, hz, ...	6	cr-cu, cr-hz, ...	8	cu, cu-st,cr-hz, ...	4	cu,cu-st,cr-hz,nim,	6	145·3	76·6	90·6	78·0
7	... ...		... ...		... ...		... ...		... ...		... ...		ovt.	75·6	81·5	76·1
8	ovt, ...	8	cu,cr-cu,cr-hz, ...	6	cu, cr-cu, cr-hz, ...	5	cu, cr-cu, cr-hz,	5	cu, cr-cu, cr-hz, ...	[illegible]	cr-cu, cr-hz, ...	[illegible]	145·5	72·3	88·0	73·7
9	cu, cr-hz, D,...	2	cr, cr-hz, ...	1	cr-cu, cr-st, hz...	2	cr-st, cr-hz, ...	1	clear,... ...	[illegible]	clear, ...	[illegible]	145·5	64·3	88·8	73·0
30	cr-st, hz, D, ...	1	cy-clear, ...	0	cu, cr-st, cr-hz, ...	2	sc-cu, cu-st, cr-hz,	4	sc-cu, cu-st, cr-hz,	5	sc-cu, cu-st, cr-hz,	[illegible]	137·3	66·1	87·8	73·7
1	cu, cr, cr-hz, ..	5	cu,cu-st,hz,nim-S	4	fl cu, hz, ...	6	8-cu, nim.	7	ny-ovt, ...	8	ny-ovt, ...	7	122·8	74·[illegible]	86·0	73·7

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

ard ... around
cld ... clouds or cloudy
cr. cr. cir. ... cirri or cirro or cirrous
cu ... cumuli or cumulo
D ... Dew
d ... dense
dis ... distant
dt ... detached
E ... East
fg ... fog
fk ... forked
fl ... flying
fr ... frequent
g ... ground
hy ... heavy
hl ... halo
hor ... horizon
hz ... haze or hazy
ld ... loud
lg ... lightning
lt ... light
mt ... meteor
N ... North
nim ... nimbi
ny ... nearly
ovd ... overhead
ovt ... overcast
pk ... peals
pt ... part or partly or partial
R ... Rain
r-b ... rain-bow
S ... South
sc ... scattered
sh ... sheet
st ... stratus
th ... thunder
thk ... thick
v ... very
vd ... vivid
W ... West

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REMARKS ON THE WEATHER FOR THE MONTH OF NOVEMBER 1855.

Date.	Gottingen Mean Time. NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	ovt, ...	8	fl-cu, ...	3	fl-co, ...	4	co, cu-st, cr-hz, ...	4	cu, cu-st, cr-hz, nim,	6	ny-ovt, ...	7
2	do.	8	ny-ovt, ...	7	ovt, ...	8	ovt, ...	8	ny-ovt, ...	7	cu, cr-cu, ...	6
3	do.	8	ovt, ...	8	do.	8	do.	8	ovt, ...	8	... ...	...
4	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cr-st, hz, ...	2
5	cu, cr-cu, cr-hz,..	6	cu, hz, lg-N,NW, ...	4	cu, hr, lg-N,NW, ...	2	cu, hz, lg-N-hor, ...	2	cr-cu, cr-st, hz, ...	2	oy-clear,... ...	0
6	fl-cu, ...	2	fl-cu, ...	2	cu-st, fl-cu, hz, ...	4	fl-cu, cr-hr, cr-st,	3	clear, ...	0	do.	0
7	cu, cr-st,... ...	2	cu, cr-hz, cr-st, ...	3	cu, cr-hz, cr-st, ...	3	cu, cr-hz, cr-st. ...	2	do.	0	clear, D. ...	0
8	cu, cr-hz, ...	3	cu, cr-cu, cr-hz,...	6	ovt, th, ...	8	cu, nim, ...	4	ovt, R, ...	8	ovt, sh-lg-NW, ...	8
9	cu, cu-st, cr-hz, ...	6	cu, cu-st, cr-hz, nim,	6	cu, cu-st, nim, ...	6	co, cu-st, cr-hz, nim,	6	fl-cu, cu-st, hz, nim,	5	fl-cu, cu-st, cr-hz, nim,	5
10	do.	3	cu, hz, ...	2	cu, hz, ...	2	fl-cu, hz, ...	4	fl-cu, hz, ...	4	... ...	...
1	... .	...	... ...	...	... ...	...	... ...	...	... ...	...	cu, cu-st, ...	2
2	fl-cu, ...	1	fl-cu, cu-st, ...	3	fl-cu, cu-st, ...	3	cu, cu-st, ...	4	co, cr-hz, ...	2	cu, cr, cr-hz, ...	3
3	cu, cr-hz, cr-st, ...	2	co, cr-hz, cr-st, ...	2	ou, cr-hz, cr-st, ...	2	cu, cu-st, cr-hz,	2	sc-cu,... ...	2	sc-cu, ...	2
4	cr-hz, cr-st, cu, ...	6	cr-st, hz, hl-☽ ...	2	cu, hz, ...	2	cu, hz, ...	4	co, cr-st, cr-hr, ...	2	cu, cr-st, cr-hz, ...	2
5	cu, cr-st, hz, ...	2	fl-cu, cr-st, hz, ..	2	fl-cu, cr-st, hr, ..	1	ny-clear, ...	0	cu, cr-hr, ...	2	cu, ...	1
6	cu, cr-st, ...	2	fl-cu, ...	2	cu, hz, ...	3	cu, hz, ...	2	do.	2	clear, ...	0
7	sc-cu, ...	1	cu, hz, ...	2	do.	1	ny-clear, ...	0	do.	2	... ...	...
8	... ...	...	... ...	...	... ...	...	... .	...	... .	...	do.	0
9	cr, cr-st, cu, ...	4	cr-st, cr-hz, ...	3	cr-st, cr-hz, ...	2	cr-st, cr-hz, ...	2	cu, cr-cu, cr-hr, ...	3	cu, cr-st, hz, ...	2
20	cu, hz, ...	2	cu, hr,...	3	cu, hz, ...	2	cu, cr-st, hz, ...	3	cu, cr-st, cr-hz ...	3	cu, cr-cu, cr-hr, ...	3
1	cu, cr-hz, nim, ..	8	fl-cu, ...	1	fl-cu,...	1	fl-co, cr-st, ...	1	cu, cr-cu-hor, ...	2	cu, cr-cu-hor, ...	2
2	co-hor, ...	2	hy-cu, cr-st, ...	5	cu, cu-st, lt-hz, ...	2	co, cr-cu, nim, ...	7	cu, cr-cu, hr, ...	4	co, cr-cu, hz, ...	2
3	cu, cr-hz, ...	4	cu, cu-st, d-cr-hz,	5	cu, cu-st, d-cr-hz, ..	6	cu, d-cr-hz, ...	7	cu, cr-cu, d-cr-hr,	6	fl-cu, hz, ...	6
4	do.	2	ou, hz, ...	3	cu, cu-st, cr-hr,...	5	cu, cu-st, cr-hz, ...	7	cu, cu-st, cr-hz, ..	6	... ...	...
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ny-clear, ...	0
6	cr-cu, cr-hz,... ..	5	cu, cu-st, nim. ...	7	cu, cu-st, cr-cu, hz,	5	cr-cu, cr-hz, ...	4	co, cr-cu, ...	8	hy-cu, nim, ...	8
7	sc-cu, ...	1	cu, cu-st, hz, ...	7	cu, cu-st, hz, ...	4	cu, cu-st, hz, ...	5	cu, cu-st, cr-cu, hr,	7	fl-cu, hz, ...	6
8	cu, co-st, cr-hz, ...	6	cu, cu-st, cr-hz, ...	3	cu, cu-st, cr-hz, ...	4	fl-cu, cr-st, hz, ..	4	cu, cu-st, cr-hz, ..	4	cu, cu-st, hz, ...	4
9	cu, hz, ...	1	cu, hr, ...	1	cu, hz, ...	3	ovt, lt-R, ...	5	do.	6	fl-cu, nim, ...	5
30	d-cr-hz, co, ...	7	ovt, lt-R, ...	8	ovt, nim,... ...	8	do, nim, ...	8	do.	6	ovt, ...	8

REMARKS ON THE WEATHER FOR THE MONTH OF DECEMBER 1855.

Date.	NOON.	Cloudy sky in 8ths.	2	Cloudy sky in 8ths.	4	Cloudy sky in 8ths.	6	Cloudy sky in 8ths.	8	Cloudy sky in 8ths.	10	Cloudy sky in 8ths.
1	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	... ...	...
2	... ...	...	... ...	...	... ...	...	... .	...	... ...	...	ovt, lt-R,... ...	8
3	do.	8	do, R, ...	8	do, lt-R, ...	8	do, R, ...	8	do.	8	do.	8
4	co, cr-cu, cr-hz,...	7	cr-cu, cu-st, cr-hz, nim,	7	cu, cr-cu, hz, ..	2	cu-st, d-cr-hz, ...	4	cu-hor, ...	3	cu, cu-st, hz, ...	4
5	ovt, lt-R.	8	ny-ovt, ...	7	ovt, ...	8	ovt, R, ...	8	ovt, lt-R, ...	8	ovt, ...	8
6	cu, cu st, nim, lt-R, r-b E,	7	fl-cu, cu-st, nim-W,	2	fl-cu, cu-st, ...	1	fl-cu, cu-st, nim,	5	co, cu-st,... ...	6	cu, hz, ...	2
7	cu, hr, ...	2	fl-cu, cr-st, hz, ...	2	oy-clear, ...	0	cu, hr, ...	1	clear,...	0	clear, ...	0
8	cr-hz, cu, cr-cu, ...	4	fl-cu, cr-st, hz, ..	2	fl-cu, cr-st, hr, D,	1	do.	6	cu, hz.	3	... .	...
9	... ...	...	... .	...	... ...	...	... ...	...	... ...	...	cu, cr-st-hor, ...	2
10	co, cr-hz, cr-co, ...	6	cu, cu st, d-cr-hr,	5	cu, cu-st, d-cr-hz,	5	ny-ovt, ...	7	ny-ovt, ...	8	cu, hz, ...	6
1	cu, cr-hz,... ...	6	fl-cu, cr-hr, ...	3	fl-cu, cr-hz, ...	3	fl-cu, cr-hr, ...	3	cu, hr, ...	5	cu, cr-cu, cr-hz,...	4
2	do.	2	ny-clear,... ...	0	ny-clear, ...	0	fl-cu, hz, D, ...	2	clear, D, ...	0	clear, D, ...	0
3	sc-cu, ...	3	sc-cu, ...	1	do.	0	fl-cu, hz, ...	4	ny-clear, D, ...	0	do, D. ...	0
4	co, hz, ...	2	cu, cr-hr, ...	2	cu, cr-hz,... ...	2	fl-co, cr-hz, ...	3	co, cr-hz, D, ...	2	ny-clear, D, ...	0
5	sc-cu, hz, ...	2	sc-fl-cu, ...	1	sc-fl-cu, ...	1	fl-cu, hz.	2	cu-hor, ...	1	... ...	...
6	... ...	...	... .	...	... ...	...	... ...	...	... ...	...	ny-clear, D,... ...	0
7	fl-cu, cu-st, ...	3	sc-cu, hr, ...	3	fl-cu, hz, ...	6	cu, cr-hr, nim, ...	7	cu, cr-hr, nim, ...	7	cu, co-st, hz, nim,	6
8	cu, cr-hz, ...	1	fl-cu, hz,... ...	2	do.	3	hy-co, ...	7	co, cr-co, ...	3	cu, cr-hz, D, ...	2
9	fl-cu, ...	2	fl-cu, cr, ...	3	fl-cu, cr-cu, hz, ...	4	ovt, ...	8	ovt, ...	8	cu, cu-st, hz, ...	5
20	fl-cu, hr, ...	3	fl-cu, ...	2	hy-co, hz, ...	6	fl-co, hz,... ...	2	cu, cr-hz, D, ...	2	ny-clear, D, ...	0
1	cu-hor, ...	2	fl-cu, hz, ...	5	ny-clear, ...	0	ny-clear, ...	0	clear, D, ...	0	cu-hor, D, ...	2
2	clear,...	0	clear, ...	[illegible]	fl-cu, cr, ...	3	fl-cu, cr, ...	2	fl-cu, cr, ...	4	... ...	...
3	... .	...	... ...	...	... .	...	... ...	...	... .	...	ovt, ...	8
4	cu, cr-cu, hz, nim, ...	7	cu, cr-cu, hz, nim,	7	cu, cr-cu, hz, nim,	4	cr-cu, cr-st, hz, ...	6	cu, cu-st, cr-hz,...	5	cu, cu-st, cr-cu, hz,...	8
5	cu-hor, ...	1	oy-clear, ...	0	co, hz, ...	2	cu, hr, ...	2	clear, D, ...	0	clear, D,... ..	0
6	cu, cr-cu, cu-st, cr-hr,	4	cu, hz, ...	6	do.	5	de.	7	cu, hz, ...	3	cu, cr-cu, cr-hz, D, ..	5
7	cu, cr-hz, cr-st, ...	5	do.	8	cu, cr-hr, ...	6	hy-cu, cr-cu, hz, ...	7	cu, cr-hz, ...	5	cu, cr-hz, ...	8
8	cu, cr-st, cr-hr, ...	2	fl-cu, cr-st, hr, ...	3	fl-cu, cr-st, hz. ...	6	fl-cu, hz,... ...	4	cu, cr-st, cr-hr,...	3	cu, cr-st, cr-hz, ...	2
9	hy-cu, d-cr-hz, ...	7	cr, cr-hz-hor, ...	2	cr, cr-st, cr-hr, ...	3	cr, cr-st, cr-hz, ...	3	cu, cu-st, hr, ...	8	... ...	...
30	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt, ...	8
1	ovt, ...	8	ovt, ...	8	cu, cu-st, nim, ..	5	ovt, lt-R.	8	cu, cu-st, cr-cu, hz,...	6	cu, cu-st, cr-cu, hz,	8

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard......around
- cld......clouds or cloudy
- cr, cr, cir...cirri or cirro or cirrous
- cu......cumuli or cumulo
- D......Dew
- d......dense
- dis......distant
- dt......detached
- E......East
- fg......fog
- fk......forked
- fl......flying
- fr......frequent
- g......ground
- hy......heavy
- hl......halo
- hor......horizon
- hz......haze or hazy
- ld......loud
- lg......lightning
- lt......light
- mt......meteor
- N......North
- nim......nimbi
- ny......nearly
- ovd......overhead
- ovt......overcast
- ps......peale
- pt......part or partly or partial
- R......Rain
- r-b......rain-bow
- S......South
- sc......scattered
- sh......sheet
- st......stratus
- th......thunder
- thi......thick
- v......very
- vv......vivid
- W......West

REMARKS ON THE WEATHER FOR THE MONTH OF NOVEMBER 1855.

Date.	12	Cloudy sky in 8ths.	14	Cloudy sky in 8ths.	16	Cloudy sky in 8ths.	18	Cloudy sky in 8ths.	20	Cloudy sky in 8ths.	22	Cloudy sky in 8ths.	Thermometers. Radiations. Sol.	Ter.	Air. Max.	Min.
1	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	8	ovt, ...	6	ovt, ...	8	ovt.	68·9	80·9	73·6
2	cr, cr-hz, cu,	6	ny-ovt, ...	7	oy-ovt, ...	7	cu, cr, cr-hz, ...	6	cu, cr-hz, ...	6	cu, cr-cu, cr-hz,	7	128·5	66·5	87·8	72·7
3	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	125·0	74·2	86·8	77·5
4	fl-co, cu-st, ...	0	cu, cr-cu, ...	6	cr, cr-hz, ...	2	fl-cu, hz, ...	6	cu, cu-st, cr-hz, nim,	7	ny-ovt, ...	7	141·5	74·7	89·1	76·3
5	ny-clear, D, ...	0	cu, cr-st, cr-hz,	4	fl-cu, cu-st, nim, ...	5	cu, cu-st, nim, ...	4	fl-cu, cu-st, ...	3	cu, cr-hz, ...	4	138·5	74·5	87·1	76·2
6	clear, ...	0	oy-clear, ...	0	fl-cu, cu-st, ...	4	fl-cu, cu-st, ...	4	do.	4	cu, cu-st, ...	3	137·5	72·9	86·0	74·2
7	oy-clear, ...	0	cu, cr-hz, ...	3	cu, cu-st, cr-hz, nim,	6	fl-cu, cu-st, oim, ...	7	fl-cu, cu-st, oim, ...	4	fl-cu, cu-st, nim,	5	137·5	70·7	88·3	75·7
8	ovt.... ...	8	cu, cu-st, nim,	6	cu, cr-hz, nim, ...	6	cu, cr-hz, nim,	8	cu, cu-st, cs-hz,	6	cu, cu-st, cr hz, ...	5	132·3	77·9	86·0	78·3
9	fl-cu, cu-st, cr-hz, nim,	5	cu, cu-st, cr-hz, nim,	5	cu, cu-st, cr-hz, nim,	1	sc-cu, ...	4	fl-cu, cu-st, ...	5	do.	8	135·0	74·4	85·5	77·3
10	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	133·5	70·3	83·6	72·5
1	cu, cr-st, ...	2	cu, cr-hz, oim,	3	fl-cu, ...	3	fl-cu, ...	3	fl-cu, ...	4	fl-cu, cr-st, ...	3	138·2	67·4	86·6	72·4
2	cu-hor, ...	2	cu-hor, ...	2	cu, cr-cu, cr-hz, ...	3	8·cu, cu-st, nim,	5	cu, cr-hz, ...	4	cu, hz, ...	4	133·3	66·6	84·6	72·8
3	sc-cu, cr-hz,	3	cu, cu-st, cr-hz,	4	fl-cu, nim, ...	3	fl-cu, nim, ...	3	cu, hz, ...	4	do.	3	131·5	67·7	85·1	75·4
4	cu, cr-hz, ...	3	cu, cr-hz, ...	3	cu, cr-hz, st, ...	3	sc-cu, cr-hz, ...	2	do.	2	cu, cr-st, hz, ...	2	136·5	65·1	84·4	71·2
5	clear, ...	0	cr-cu, ...	2	sc-cu, ...	1	sc-cu, ...	2	cu-hor, ...	1	cu-hor, ...	1	132·5	62·1	83·8	70·6
6	do.	0	cu, cr-st. ...	2	do.	1	do.	1	sc-cu, ...	1	sc-cu, ...	1	152·0	60·2	83·1	68·9
7	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	132·3	64·7	83·8	70·4
8	do.	0	ny-ovt, ...	7	cu, cr, cr-hz, nim, ..	7	fl-cu, cu-st, ...	5	fl-cu, cu-st, ...	5	sc-cu, hz, ...	4	151·5	65·0	83·9	71·1
9	do. ...	0	cr-cu, cr-hz,	3	cr-cu, cr-hz, ...	3	do.	3	cu, hz, ...	4	cu, hz, ...	3	134·5	69·7	88·1	70·3
20	cu, cs, cr-hz, ...	4	cu, cr-cu, hz, ...	4	fl-cu, hz, ...	4	cu, cr-cu, ...	5	fl-cu, nim, ...	7	cu, cr-hz, nim, ...	6	125·5	69·9	84·5	72·3
1	cu, cr-hz, nim-E,	3	cu, cr-cu, ...	5	cu, cr-cu, ...	3	sc-cu, hz, ...	3	cu, cu-st, nim, ...	5	fl-cu, cu-st, nim,	6	129·5	61·7	84·0	71·0
2	cu, cu-st, cr-hz,	4	cu, cu-st, cr-cu, cr-hz	4	cu, cr-cu, cs-hz, ...	3	co, cr-cu, cr-hz,	2	cu, cr-hz, ...	5	cu, cr-hz, ...	4	131·5	63·8	83·9	72·5
3	fl-cu, hz, ...	5	do.	5	cu, cu-st, cr-cu, cr-hz	2	sc-cu, hz, ...	2	fl-cu, ...	4	cu, hz, ...	4	132·3	62·7	84·4	71·8
4	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	135·5	62·2	83·2	70·5
5	clear, ...	0	clear, ...	0	sc-cu, ...	1	cu-hor, ...	2	cu, cr-hz, ...	3	cu, cr-hz, ...	2	130·5	60·0	84·0	70·6
6	cu, cr-cu, cr-st, cr-hz,	6	cu, cr-st, hz,	2	do.	2	fl-cu, ...	2	sc-cu, ...	3	sc·cu, ...	3	127·5	67·9	83·8	76·1
7	sc-cu, ...	3	fl-cu, cu-st, cr-hz, nim	4	cu, cr-cu, ...	5	fl-cu, nim, ...	6	by-cu, nim, ...	7	cu, cu-st, cr-st, hz,	5	125·5	69·0	88·5	78·1
8	cu-hor, ...	2	cu, cu-st, cr-hz, ...	3	cu-hor, ...	3	sc-cu, ...	2	sc-cu, ...	3	cu, hz, ...	2	138·5	66·5	83·9	72·9
9	sc-cu, ...	3	sc-cu, cr-hz,	3	cu, d-hz, ...	2	fl-cu, cu-st, nim, ...	6	cu, cr-hz, ...	7	cr-hz, cu, ...	7	160·5	71·5	84·6	72·2
30	ovt, ...	8	ovt, ...	8	ovt, R, ...	8	oy-ovt, ...	7	ovt, ...	8	ovt, ...	8	ovt.	72·6	81·6	73·3

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1	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt.	74·5	80·7	75·5
2	ovt, hy-R, lg-NW,	8	ovt, R, th, ...	8	ovt, ...	8	ovt, R, ...	8	ovt, R, dis-th, ...	8	ovt, R, ...	8	ovt.	74·5	77·1	74·9
3	ovt, ...	8	ovt, ...	8	do....... ...	8	oy-ovt, ...	7	cu, cr-hz, nim,	7	cu, cr-cu, cr-hz,	6	128·5	75·8	85·4	73·7
4	fl-cu, hz, ...	6	fl-cu, cu-st, cr-hz, nim,	7	do.	8	ovt, ...	8	do.	7	ovt, R, ...	8	ovt.	71·9	83·0	75·2
5	ovt, lt-R, ...	8	ovt, R, ...	8	do, lt-R, ...	8	do.	8	cu, cr-hz, nim,	7	cu, cr-hz, nim,	7	ovt.	78·5	83·6	74·3
6	cu, cr-st-hor,	2	cu, cr-st, ...	2	sc-cu, cr-hz, ...	4	cu, cu-st, cr-hz, ...	5	cu, cu-st, cr-hz, ...	5	cu, cr-hz, cr-st, ...	3	128·5	74·3	82·9	75·2
7	clear, ...	0	cu, cr-hz, ...	3	cu, cu-st, cr-hz,	4	do.	4	cu, cr-hz, ...	4	cu, cr-hz, ...	3	132·5	67·2	83·1	73·3
8	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	123·5	70·0	83·7	74·2
9	cu, cu-st, cr-hz,	3	cu, cu-st, cr-hz, ...	4	cu, cr-cu, cr-hz,	4	cu, cr-cu, cr-hz,	4	do.	5	cu, cr-hz, cr-cu,	4	128·5	68·0	84·2	74·3
10	clear, ...	0	cu, cr-st, cr-hz,	3	cu, cr-st, cr-hz, ...	2	cu, cu-st, cr-hz, ...	3	do, nim, ...	6	cu, cr-hz, nim, ...	7	155·5	63·2	82·3	71·6
1	cu-hor, ...	1	cu, cu-st, hz, ...	2	fl-cu, cu-st, nim,	6	cu, cu-st, nim,	6	fl-cu, cr-hz, ...	2	cu, cr-hz, ...	3	136·5	60·4	81·7	69·8
2	clear, ...	0	cu-hor, D, ...	2	cu, cu-st, cr-hz, ...	2	cu, cu-st, cr-hz. ...	3	8·cu, cu-st, ...	5	sc-cu, ...	3	139·5	57·2	81·4	67·2
3	do, D, ...	0	du, D, ...	2	clear, ...	0	fl-cu, ...	2	fl-cu, ...	8	cu, hz, ...	2	130·5	57·2	86·6	68·2
4	ny-clear, D, ...	0	cu, cu-st, ...	2	cu, cr-st, hz, ...	3	fl-cu, nim, ...	4	fl-cu, nim, ...	4	sc-cu, hz, ...	3	135·0	61·6	85·7	66·5
5	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	134·5	60·6	56·7	66·9
6	clear, D, ...	0	cu-hor, ..	2	cu, cu-st, cr-hz, ...	3	cu, cu-st, cr-hz, ...	4	fl-cu, cu-st, ...	6	8-cu, cu-st, ...	4	151·0	65·1	86·5	73·8
7	cu, cu-st, cr-hz, nim,	4	cu, cu-st, cr-hz, ...	5	cu, cu-st, cr-hz,	6	do.	4	cu, cr-hz ...	4	cu, cr-hz, ...	5	130·5	66·3	86·8	72·8
8	cu, cu-st, D, ...	2	cu, cu-st, hz,	3	cu-hor, ...	2	sc-cu, ...	2	cu, cr-cu, hz, ...	3	cu, cr-cu, hz, ...	2	130·8	63·5	86·2	69·2
9	clear, ...	0	clear, ...	0	cu, cu-st, cr, ...	2	cu, cu-st, cr, ...	4	cu, cr-cu, cr-hz,	3	cu, cr-cu, cr-hz,	3	135·3	59·0	85·8	70·1
20	oy-clear, D, ...	0	cu-hor, ...	1	cu, cr-hz, nim, ...	5	cu, cr-cu, cr-hz, ...	3	do.	4	cu-hor, ...	2	155·3	57·2	85·5	66·9
1	oy-clear, ...	0	cr-cu, cu, cr-hz,	7	cr-cu, cr-hz, ...	3	cr-cu, cr-ho, ...	2	sc-cu, ...	2	sc-cu, ...	1	131·0	56·7	85·1	66·4
2	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	ovt.	62·2	78·8	71·5
3	ovt, ...	8	ovt, ...	8	ny-ovt, ...	7	cu, cu-st, cr-hz,	6	fl-cu, cu-st, ...	6	cu, cr-cu, hz, ...	7	130·9	71·4	84·8	74·5
4	cu, cu-st, hz,	3	cu, cu-st, cr-hz, ..	2	cu, cr-cu, hz, ...	4	cu, cr-hz, nim, ...	6	cu, cr-hz, nim, ...	5	cu, hz, ...	2	128·5	66·6	82·6	70·6
5	fl-cu, D, ..	2	cu, cr-hz, ...	6	cu, cr-hz, ...	6	cu, cr-cu, cr-hz,	5	cu, cr-cu, cr-hz,	5	cu, cu-st, cr-cu, cr-hz,	5	129·2	61·7	85·0	66·2
6	cu, cr-cu, cr-hz, D	3	cu, cr, cr-hz, ...	3	fl-cu, cu-st, ...	5	fl-cu, cu-st, ...	6	6-cu, cu-st. ...	5	8·cu, cu-st, hz, ...	5	150·5	56·3	83·6	66·3
7	ovt, ...	8	cu, cr hz, ...	7	cu, cu-st, cr-hz,	4	cu, cr-st, cr-hz,	3	cu, cr-st, cr-hz,	2	cu, cr-st, cr-hz,	2	129·7	64·0	65·7	71·8
8	cu, cr-hz, ...	1	cu, cr-cu, hz, ...	3	cr, cr-hz, cu, ...	4	fl-cu, d-cr-hz, ...	7	fl-cu, d-cr-hz, ...	5	fl-cu, d-cr-hz, ...	6	130·3	68·7	64·0	69·1
9	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	107·5	68·5	82·7	71·2
30	ovt, ...	8	ovt, ...	8	cu, cu-st, cr-hz, ...	6	cu, cr, ...	8	cu, cr, ...	8	cu, cr, ...	7	126·5	71·5	84·5	75·1
1	do, lt-R, ...	8	do. ...	8	ovt, ...	8	ovt, lt-R, ...	8	ovt, ...	8	ovt, ...	8	ovt.	73·0	81·0	75·9

EXPLANATION OF SYMBOLS USED IN THE ABOVE TABLE.

- ard ... around
- cld ... clouds or cloudy
- cr. cr. cir. ... cirri or cirro or cirrous
- cu ... cumuli or cumulo
- D ... Dew
- d ... dense
- dis ... distant
- dt ... detached
- E ... East
- fg ... fog
- fk ... forked
- fl ... flying
- fr ... frequent
- g ... ground
- hy ... heavy
- hl ... halo
- hor ... horizon
- hz ... haze or hazy
- ld ... loud
- lg ... lightning
- lt ... light
- mt ... meteor
- N ... North
- nim ... nimbi
- ny ... nearly
- ovh ... overhead
- ovt ... overcast
- pa ... peals
- pt ... part or partly or partial
- R ... Rain
- r-b ... rain-bow
- S ... South
- sc ... scattered
- sh ... sheet
- st ... stratus
- th ... thunder
- thi ... thick
- v ... very
- viv ... vivid
- W ... West

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TABLES OF

MEAN HOURLY VARIATIONS

FROM THE

MONTHLY MEANS,

FOR THE

BAROMETER AND DRY AND WET BULB THERMOMETERS

FOR THE YEARS OF OBSERVATION CONTAINED IN THIS VOLUME;

AND SIMILAR RESULTS NOT PREVIOUSLY DEDUCED,

FROM THE OBSERVATIONS PUBLISHED IN THE TWO FORMER VOLUMES.

BAROMETRIC PRESSURE (Corrected to 32° Faht.)
Mean Hourly Variations from the Monthly Means, 1841 to 1845.

Gottingen Mean Time.		Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Monthly Means.
Madras Mean Time.		4 41	5 41	6 41	7 41	8 41	9 41	10 41	11 41	12 41	13 41	14 41	15 41	16 41	17 41	18 41	19 41	20 41	21 41	22 41	23 41	0 41	1 41	2 41	3 41	
January	1842	−·048	−·032	−·013	+·004	+·021	+·026	+·023	+·012	−·002	−·020	−·033	−·037	−·029	−·015	+·006	+·034	+·069	+·068	+·058	+·031	+·001	−·024	−·042	−·032	29·996
	3	·048	·031	·020	·000	·016	·032	·032	·023	+·007	·013	·029	·037	·033	·018	·000	·027	·050	·061	·052	·033	+·006	·023	·041	·048	29·988
	4	·040	·028	·016	·008	·024	·027	·021	·011	−·004	·021	·033	·032	·024	·009	·014	·039	·061	·063	·052	·025	−·005	·035	·051	·051	29·998
	5	·042	·030	·015	·005	·022	·023	·022	·015	+·002	·014	·029	·033	·026	·010	·011	·034	·065	·061	·049	·026	−·005	·032	·047	·050	30·015
Means		−·043	−·030	−·015	+·004	+·021	+·028	+·024	+·015	+·001	−·017	−·031	−·035	−·026	−·012	+·008	+·033	+·054	+·063	+·052	+·028	−·001	−·028	−·045	−·050	29·999
February	1842	−·051	−·041	−·020	+·003	+·023	+·035	+·032	+·024	+·004	−·014	−·026	−·033	−·026	−·012	+·006	+·025	+·035	+·063	+·053	+·032	+·002	−·026	−·053	−·056	29·972
	3	·048	·037	·024	−·009	·012	·028	·026	·018	·004	·012	·034	·030	·023	·004	·019	·034	·058	·065	·055	·030	·003	·029	·053	·056	29·946
	4	·049	·037	·021	−·004	·013	·021	·020	·014	·004	·014	·021	·028	·024	·010	·013	·036	·058	·067	·058	·035	·008	·022	·016	·061	29·940
	5	·062	·042	·027	−·004	·017	·029	·025	·017	·004	·013	·021	·034	·026	·012	·011	·036	·065	·064	·054	·032	·005	·021	·046	·054	30·065
Means		−·050	−·039	−·023	−·003	+·016	+·024	+·024	+·018	+·004	−·013	−·026	−·031	−·025	−·010	+·012	+·034	+·056	+·065	+·055	+·032	+·004	−·025	−·049	−·054	29·971
March	1841	−·066	−·053	−·035	−·009	+·012	+·027	+·028	+·019	+·006	−·011	−·026	−·020	−·018	−·002	+·021	+·044	+·063	+·074	+·057	+·035	+·004	−·025	−·051	−·066	29·878
	2	·052	·045	·028	·006	·019	·035	·034	·027	·005	·013	·024	·026	·021	·005	·010	·039	·095	·062	·054	·031	+·001	·029	·053	·064	·860
	3	·067	·047	·033	·009	·016	·031	·033	·023	·004	·012	·024	·025	·019	·003	·017	·037	·058	·066	·061	·033	+·002	·027	·050	·061	·846
	4	·055	·044	·030	·007	·015	·029	·029	·021	·005	·014	·028	·025	·019	·003	·014	·041	·060	·065	·055	·030	−·001	·024	·032	·063	·907
	5	·057	·045	·029	·002	·023	·036	·036	·017	·004	·014	·029	·035	·027	·009	·014	·040	·057	·064	·053	·033	+·002	·025	·049	·061	·924
Means		−·058	−·042	−·031	−·006	+·017	+·032	+·032	+·023	+·005	−·012	−·025	−·028	−·021	−·004	+·014	+·040	+·059	+·066	+·056	+·032	+·002	−·027	−·051	−·063	29·891
April	1841	−·049	−·056	−·032	−·006	+·017	+·037	+·034	+·019	+·001	−·015	−·024	−·034	−·012	+·005	+·023	+·049	+·059	+·063	+·052	+·030	+·001	−·029	−·052	−·067	29·845
	2	·073	·061	·037	·010	·011	·034	·039	·028	·014	·002	·013	·027	−·007	·010	·020	·048	·040	·051	·043	·022	−·009	·039	·060	·074	·805
	3	·064	·067	·030	·011	·013	·031	·034	·024	·008	·009	·021	·026	−·012	·001	·023	·044	·063	·064	·051	·031	+·001	·036	·045	·049	·844
	4	·072	·062	·036	·013	·001	·028	·030	·020	·009	·006	·011	·011	−·004	·009	·028	·049	·061	·041	·048	·026	−·004	·034	·058	·072	·809
	5	·080	·066	·046	·017	·011	·030	·036	·029	·012	·001	·010	·010	+·001	·018	·033	·054	·066	·060	·045	·022	−·004	·040	·047	·078	·810
Means		−·072	−·060	−·037	−·011	+·013	+·031	+·035	+·023	+·009	−·006	−·016	−·019	−·004	+·004	+·026	+·049	+·063	+·051	+·046	+·026	−·004	−·035	−·060	−·072	29·828
May	1841	−·064	−·051	−·025	−·001	+·034	+·036	+·042	+·033	+·009	−·009	−·021	−·032	−·011	+·003	+·032	+·039	+·051	+·049	+·036	+·018	−·008	−·034	−·055	−·084	29·738
	2	·062	·047	·023	+·001	·025	·040	·042	·029	·006	·012	·022	·022	·014	+·001	·020	·043	·034	·054	·038	·019	·006	·035	·058	·072	·715
	3	·067	·044	·025	−·002	·020	·036	·038	·021	·000	·017	·027	·026	·019	−·003	·018	·037	·053	·061	·042	·024	·003	·027	·049	·058	·692
	4	·064	·050	·026	−·002	·020	·034	·041	·028	·007	·006	·018	·016	·015	+·001	·025	·038	·053	·049	·039	·019	·001	·037	·066	·040	·700
	5	·063	·047	·023	−·002	·019	·033	·033	·021	·008	·008	·020	·019	·010	+·005	·023	·043	·063	·051	·036	·021	·002	·030	·062	·067	·712
Means		−·062	−·048	−·024	−·001	+·022	+·037	+·039	+·028	+·006	−·010	−·022	−·022	−·014	+·001	+·022	+·040	+·053	+·051	+·038	+·020	−·006	−·033	−·054	−·067	29·710
June	1841	−·066	−·054	−·032	−·010	+·016	+·024	+·032	+·023	+·013	−·001	−·009	−·011	−·006	+·008	+·027	+·041	+·050	+·049	+·037	+·019	−·003	−·024	−·052	−·069	29·697
	2	·072	·060	·034	·011	·012	·029	·034	·024	·012	−·003	·012	·011	·004	·010	·030	·043	·052	·051	·037	·020	−·003	·027	·047	·063	·664
	3	·063	·052	·033	·010	·011	·024	·033	·024	·008	−·008	·019	·020	·014	·004	·024	·038	·053	·052	·042	·026	+·001	·023	·047	·066	·700
	4	·065	·054	·034	·014	·001	·020	·025	·017	·007	−·016	·013	·011	·003	·012	·032	·044	·053	·053	·041	·024	·000	·025	·047	·062	·665
	5	·071	·058	·039	·012	·010	·027	·034	·026	·017	+·005	·005	·019	·005	·002	·027	·041	·049	·047	·035	·019	−·003	·024	·046	·061	·706
Means		−·067	−·056	−·035	−·012	+·016	+·026	+·031	+·023	+·011	−·003	−·012	−·014	−·006	+·007	+·028	+·041	+·051	+·050	+·038	+·022	−·001	−·025	−·048	−·064	29·689
July	1841	−·076	−·064	−·025	−·012	+·015	+·028	+·034	+·026	+·011	+·002	−·004	−·008	−·012	+·014	+·028	+·044	+·053	+·052	+·042	+·031	−·004	−·021	−·053	−·071	29·704
	2	·076	·060	·034	·012	·010	·030	·037	·026	·011	−·002	·004	·011	−·003	·011	·031	·049	·059	·058	·044	·021	−·005	·033	·058	·073	·697
	3	·074	·060	·041	·016	·009	·031	·029	·023	·009	−·004	·012	·014	−·008	·009	·028	·043	·065	·053	·049	·029	+·004	·024	·050	·048	·709
	4	·070	·066	·034	·014	·009	·026	·036	·024	·007	−·006	·014	·019	−·008	·010	·026	·046	·054	·056	·044	·026	+·001	·026	·040	·061	·723
	5	·070	·058	·032	·009	·013	·028	·032	·021	·013	−·001	·007	·006	+·001	·014	·029	·041	·060	·049	·038	·020	−·004	·030	·053	·068	·726
Means		−·073	−·060	−·034	−·013	+·011	+·027	+·034	+·024	+·010	−·002	−·009	−·011	−·004	+·012	+·029	+·042	+·054	+·054	+·043	+·023	−·001	−·029	−·053	−·069	29·712
August	1841	−·067	−·058	−·036	−·011	+·012	+·030	+·037	+·029	+·013	−·005	−·013	−·014	−·008	+·005	+·020	+·039	+·053	+·058	+·046	+·025	−·003	−·029	−·052	−·068	29·775
	2	·072	·057	·033	·009	·017	·034	·034	·031	·010	·006	·014	·015	−·004	·008	·020	·045	·039	·057	·044	·023	·006	·032	·050	·071	·729
	3	·063	·048	·034	·015	·011	·027	·028	·019	·002	·011	·018	·018	−·003	·011	·031	·049	·060	·057	·042	·023	·006	·030	·052	·061	·759
	4	·072	·060	·040	·016	·011	·026	·035	·029	·012	·004	·012	·013	−·006	·004	·026	·043	·051	·041	·044	·021	·003	·030	·053	·068	·731
	5	·079	·063	·040	·019	·008	·024	·027	·018	·009	·001	·009	·004	+·004	·014	·031	·051	·060	·059	·045	·029	·005	·033	·058	·072	·742
Means		−·071	−·057	−·037	−·014	+·012	+·029	+·033	+·025	+·009	−·005	−·014	−·013	−·005	+·009	+·027	+·045	+·056	+·057	+·045	+·024	−·004	−·031	−·054	−·069	29·748
September	1841	−·061	−·051	[illegible]	+·001	+·025	+·042	+·041	+·028	+·011	−·004	−·010	−·020	−·012	+·003	+·022	+·043	+·057	+·054	+·043	+·017	−·014	−·044	−·063	−·072	29·752
	2	·067	·052	·024	·000	·022	·039	·046	·030	·010	·006	·015	·019	−·012	·001	·019	·043	·056	·054	·041	·016	·014	·039	·060	·068	·708
	3	·071	·054	·034	−·009	·014	·030	·028	·020	·005	·018	·009	·001	+·012	·016	·033	·053	·061	·060	·010	·018	·014	·047	·067	·071	·718
	4	·071	·052	·021	−·007	·020	·033	·030	·020	·003	·011	·014	·013	−·006	·011	·024	·048	·060	·058	·046	·021	·008	·037	·058	·070	·793
	5	·066	·049	·025	−·001	·023	·034	·031	·019	·006	·005	·010	·009	+·002	·012	·026	·013	·051	·064	·040	·015	·011	·044	·063	·071	·830
Means		−·069	−·052	−·027	−·003	+·021	+·036	+·034	+·023	+·007	−·007	−·012	−·014	−·005	+·009	+·036	+·046	+·059	+·056	+·042	+·017	−·013	−·042	−·062	−·070	29·756
October	1841	−·051	−·037	−·017	+·005	+·027	+·039	+·029	+·010	−·007	−·023	−·031	−·030	−·020	−·003	+·024	+·043	+·060	+·043	+·040	+·020	−·008	−·034	−·052	−·055	29·865
	2	·010	·040	·022	·001	·025	·032	·033	·023	+·001	·014	·021	·021	·012	+·004	·027	·048	·059	·058	·038	·010	·020	·043	·061	·064	·873
	3	·052	·034	·020	·004	·029	·033	·030	·016	−·004	·019	·024	·026	·016	+·001	·025	·043	·060	·061	·044	·018	·012	·037	·064	·054	·863
	4	·050	·028	·020	·004	·024	·039	·027	·015	+·001	·016	·023	·022	·016	+·007	·034	·044	·056	·061	·043	·010	·014	·039	·058	·062	·868
	5	·057	·039	·019	·004	·026	·031	·022	·012	−·001	·013	·019	·018	·012	+·006	·026	·049	·058	·060	·043	·016	·015	·043	·060	·062	·850
Means		−·054	−·035	−·020	+·004	+·027	+·034	+·028	+·016	−·002	−·017	−·024	−·023	−·015	+·004	+·026	+·044	+·059	+·061	+·042	+·015	−·014	−·039	−·057	−·059	29·864
November	1841	−·053	−·036	−·010	+·012	+·021	+·026	+·023	+·012	−·004	−·021	−·032	−·038	−·036	−·001	+·015	+·012	+·064	+·063	+·051	+·026	−·003	−·032	−·049	−·064	29·907
	2	·044	·033	·017	·004	·031	·025	·026	·016	·000	·016	·028	·027	·030	·004	·020	·039	·057	·058	·044	·020	·010	·036	·048	·060	·941
	3	·036	·022	·002	·020	·034	·036	·027	·012	−·003	·021	·031	·034	·027	·010	·013	·063	·004	·055	·012	·015	·012	·039	·034	·065	·926
	4	·043	·029	·014	·013	·026	·030	·023	·011	−·002	·017	·029	·030	·030	·003	·019	·041	·057	·054	·044	·019	·010	·036	·050	·063	·963
	5	·040	·026	·002	·024	·039	·042	·029	·017	+·001	·016	·030	·033	·024	·007	·011	·035	·050	·049	·034	·012	·016	·042	·064	·053	·984
Means		−·044	−·029	−·009	+·015	+·029	+·034	+·026	+·014	−·003	−·018	−·030	−·032	−·023	−·006	+·014	+·036	+·066	+·057	+·044	+·016	−·010	−·037	−·052	−·053	29·944
December	1841	−·016	−·030	−·009	+·073	+·032	+·039	+·032	+·020	+·002	−·016	−·032	−·036	−·027	−·013	+·010	+·021	+·069	+·017	+·046	+·020	−·016	−·031	−·059	−·057	29·920
	2	·046	·028	·010	·009	·012	·031	·024	·014	·005	·012	·030	·032	·023	·009	·012	·043	·057	·059	·053	·025	·010	·037	·033	·057	30·015
	3	·049	·033	·016	·006	·027	·034	·027	·014	·004	·014	·030	·032	·024	·009	·040	·034	·065	·058	·047	·023	·006	·033	·000	·053	30·001
	4	·045	·027	·010	·012	·032	·037	·029	·017	·005	·012	·030	·033	·024	·013	·009	·034	·063	·004	·042	·020	·010	·036	·052	·054	29·978
	5	·047	·023	·011	·011	·028	·035	·024	·012	·001	·014	·030	·033	·023	·011	·007	·031	·063	·056	·045	·025	·003	·031	·048	·051	29·965
Means		−·046	−·030	−·011	+·011	+·028	+·035	+·027	+·015	+·003	−·014	−·030	−·034	−·024	−·011	+·009	+·036	+·058	+·007	+·047	+·022	−·008	−·035	−·053	−·054	29·986
Mean of years 1841 to 1845		−·059	−·045	−·025	−·002	+·019	+·031	+·031	+·021	+·005	−·019	−·021	−·023	−·015	+·001	+·021	+·041	+·057	+·058	+·045	+·023	−·003	−·032	−·053	−·062	29·842

BAROMETRIC PRESSURE (Corrected to 32° Faht.)
Mean Hourly Variations from the Monthly Means, 1851 to 1855.

Gottingen Mean Time		Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Monthly Means.
Madras Mean Time.		4 41	5 41	6 41	7 41	8 41	9 41	10 41	11 41	12 41	13 41	14 41	15 41	16 41	17 41	18 41	19 41	20 41	21 41	22 41	23 41	0 41	1 41	2 41	3 41	
January	1851	−·043	−·031	·019	+·004	+·024	+·031	+·025	+·018	+·004	−·010	−·028	−·035	·032	−·017	+·009	+·037	+·061	−·063	+·055	+·031	+·003	−·028	−·046	−·050	30·021
	2	·050	·038	·020	·004	·021	·029	·024	·010	−·001	·015	·029	·027	·020	·015	·004	·032	·059	·065	·053	·032	+·002	·030	·049	·016	29·984
	3	·052	·039	·017	·000	·023	·034	·031	·021	+·006	·013	·027	·034	·030	·020	·001	·028	·051	·050	·051	·029	+·001	·027	·040	·054	29·982
	4	·045	·031	·014	·009	·024	·031	·024	·014	−·002	·015	·011	·032	·024	·009	·014	·014	·040	·061	·040	·026	−·005	·034	·051	·056	30·014
	5	·051	·010	·021	·000	·021	·029	·029	·020	+·002	·011	·028	·033	·024	·016	·007	·010	·051	·063	·051	·036	+·002	·024	·044	·052	29·910
Means....		−·048	−·030	−·018	+·005	+·023	+·032	+·027	+·018	+·002	−·013	−·028	−·032	−·024	−·015	+·006	+·033	+·058	+·062	+·053	+·031	+·002	−·029	−·047	−·054	29·980
February	1851	−·031	−·038	·022	·002	+·017	+·024	+·022	+·013	−·002	·013	·014	·029	·023	−·002	+·018	+·042	+·004	+·008	+·055	+·021	−·001	−·034	−·054	−·060	29·963
	2	·040	·039	·021	·002	·017	·028	·025	·012	−·033	·015	·025	·025	·024	·011	·009	·035	·054	·008	·056	·034	+·002	·010	·042	·054	29·960
	3	·049	·036	·020	+·001	·020	·024	·027	·018	−·002	·012	·025	·031	·026	·012	·008	·033	·054	·061	·053	·010	+·001	·027	·054	·018	29·957
	4	·051	·041	·026	−·001	·021	·032	·017	·02	+·036	·014	·033	·038	·032	·017	·005	·033	·056	·067	·050	·033	+·004	·028	·011	·000	29·967
	5	·042	·041	·023	·000	·021	·035	·033	·023	+·048	·011	·027	·034	·020	·014	·010	·035	·065	·063	·051	·028	+·001	·020	·060	·030	30·004
Means....		−·041	−·039	−·027	−·001	+·019	+·030	+·029	+·019	+·003	−·013	−·023	−·031	−·027	−·012	+·010	+·036	+·037	+·046	+·055	+·030	+·001	−·028	−·054	−·007	29·969
March	1851	−·059	−·047	·033	·012	+·012	+·022	+·030	+·022	+·004	·012	−·023	−·026	−·016	−·001	+·022	+·016	+·063	+·061	+·054	+·022	+·002	·028	·051	·061	29·920
	2	·057	·045	·032	·013	·011	·024	·022	·011	−·002	·014	·020	·025	·018	·001	·022	·015	·062	·004	·054	·032	−·001	·021	·019	·062	·878
	3	·050	·034	·022	·001	·017	·030	·030	·020	+·004	·012	·023	·029	·023	·010	·018	·034	·056	·062	·054	·027	−·002	·028	·019	·057	·949
	4	·068	·053	·032	·006	·011	·033	·035	·021	+·004	·011	·020	·028	·020	·004	·018	·044	·041	·007	·055	·039	−·003	·032	·055	·064	·927
	5	·053	·044	·020	·001	·010	·029	·028	·018	+·002	·013	·021	·027	·021	·008	·012	·039	·058	·065	·054	·029	−·001	·028	·019	·060	·914
Means....		−·057	−·045	·020	−·001	+·015	+·029	+·029	+·010	+·002	·012	−·021	−·031	−·020	−·005	+·018	+·012	+·060	+·005	+·054	+·029	+·000	−·029	−·051	−·062	29·910
April	1851	−·004	−·053	−·033	·009	+·014	+·026	+·029	+·017	+·002	·008	−·013	−·017	−·010	+·009	+·021	+·050	+·063	+·061	+·042	+·026	−·005	−·034	−·047	·072	29·919
	2	·065	·051	·031	·013	·008	·023	·023	·047	·001	·004	·018	·019	·011	+·001	·023	·018	·062	·062	·034	·030	+·001	·027	·040	·044	·930
	3	·062	·051	·028	·005	·020	·032	·032	·021	·001	·014	·022	·024	·014	−·001	·018	·044	·058	·058	·019	·029	·000	·028	·010	·063	·931
	4	·072	·057	·031	·011	·011	·028	·034	·031	·005	·008	·014	·010	·006	+·008	·026	·051	·067	·061	·049	·027	−·006	·037	·000	·035	·947
	5	·085	·052	·031	·016	·009	·034	·038	·018	·003	·010	·017	·020	·011	+·004	·024	·046	·061	·001	·050	·047	−·001	·030	·051	·065	·938
Means....		−·040	−·053	−·032	−·010	+·012	+·027	+·029	+·016	+·001	−·010	−·017	−·019	−·010	+·004	+·021	+·046	+·062	+·061	+·040	+·026	−·002	−·031	−·053	−·068	29·923
May	1851	−·056	−·044	−·022	−·000	+·031	+·039	+·042	+·031	+·011	−·011	−·027	−·030	−·030	−·048	−·015	+·036	+·018	+·052	+·043	+·072	−·002	−·036	−·046	−·039	29·770
	2	·060	·040	·025	·000	·024	·036	·033	·018	·000	·015	·022	·023	·012	·000	·020	·030	·010	·011	·039	·024	·001	·025	·046	·050	·746
	3	·067	·052	·030	·005	·016	·031	·034	·025	·007	·007	·016	·022	·015	+·003	·026	·042	·054	·051	·010	·072	·003	·027	·047	·062	·761
	4	·065	·053	·030	·007	·015	·031	·033	·022	·013	·003	·012	·019	·014	+·003	·022	·015	·055	·053	·030	·022	·004	·030	·052	·070	·759
	5	·063	·050	·029	·006	·016	·031	·033	·023	·007	·007	·010	·014	·004	+·009	·029	·047	·051	·055	·039	·010	·004	·033	·051	·064	·742
Means....		−·062	−·049	−·027	−·004	+·018	+·034	+·035	+·024	+·008	−·000	−·019	−·022	−·013	+·001	+·023	+·042	+·053	+·053	+·040	+·032	−·004	−·028	−·018	−·062	29·748
June	1851	−·047	−·061	−·034	−·011	+·010	+·026	+·033	+·011	+·005	−·001	−·014	−·015	−·007	+·007	+·024	+·010	+·063	+·053	+·011	+·025	+·001	−·024	−·018	−·003	29·692
	2	·068	·056	·034	·012	·011	·026	·034	·025	·012	·003	·012	·013	·003	·005	·025	·030	·019	·050	·028	·024	+·000	·025	·047	·061	·715
	3	·066	·053	·035	·009	·011	·026	·032	·021	·008	·002	·006	·009	·003	·017	·030	·041	·032	·051	·038	·017	−·000	·030	·042	·068	·679
	4	·072	·057	·034	·009	·009	·025	·032	·024	·012	·000	·007	·012	·004	·005	·024	·041	·051	·053	·040	·022	−·001	·024	·049	·064	·715
	5	·070	·057	·031	·015	·007	·031	·034	·025	·012	·002	·010	·010	·002	·012	·031	·010	·056	·055	·039	·015	−·001	·028	·050	·064	·711
Means....		−·069	−·051	−·035	−·011	+·010	+·075	+·033	+·021	+·010	−·003	−·010	−·012	−·005	+·004	+·024	+·013	+·053	+·052	+·039	+·021	·002	−·026	−·049	−·065	29·702
July	1851	−·060	−·051	−·033	−·009	+·014	+·029	+·035	+·029	+·015	+·000	−·011	·011	−·012	+·002	+·022	+·037	+·047	+·014	+·032	+·018	−·003	−·024	−·010	−·063	[illegible]
	2	·065	·053	·037	·011	·012	·025	·033	·030	·015	+·006	·002	·005	·002	·009	·022	·032	·011	·012	·031	·018	·004	·034	·010	·001	·726
	3	·070	·054	·036	·012	·009	·022	·031	·025	·013	+·001	·002	·001	·100	·014	·032	·013	·054	·050	·038	·010	·009	·031	·045	·069	·740
	4	·069	·058	·037	·000	·011	·026	·034	·028	·015	+·002	·006	·010	·106	·000	·025	·029	·016	·071	·010	·022	·004	·030	·052	·069	·692
	5	·068	·056	·038	·013	·009	·025	·034	·022	·009	−·002	·405	·009	·402	·010	·029	·044	·055	·055	·013	·023	·003	·030	·051	·069	·738
Means....		−·069	−·054	−·036	−·011	+·011	+·023	+·034	+·022	+·012	+·002	−·006	−·000	−·004	+·018	+·026	+·039	+·040	+·018	+·037	+·019	−·005	−·029	−·051	−·067	29·718
August	1851	−·068	−·056	−·037	−·014	+·011	+·030	+·033	+·023	+·016	−·003	−·013	−·013	−·004	+·006	+·023	+·043	+·051	+·050	+·040	+·023	−·002	−·028	−·016	−·063	29·726
	2	·061	·051	·035	·014	·009	·026	·033	·021	·007	·004	·011	·009	·007	+·024	·023	·043	·054	·052	·041	·024	·002	·024	·010	·062	·700
	3	·069	·045	·026	·006	·017	·031	·035	·027	·014	·000	·010	·015	·013	−·001	·018	·034	·047	·010	·037	·019	·006	·031	·051	·063	·738
	4	·074	·054	·029	·006	·015	·030	·031	·025	·015	·000	·010	·010	·001	+·018	·020	·013	·050	·015	·040	·017	·009	·039	·059	·075	·751
	5	·066	·050	·039	·002	·018	·035	·035	·021	·012	·004	·019	·015	·016	+·001	·024	·011	·058	·054	·041	·018	·010	·039	·055	·067	·704
Means....		−·067	−·051	−·031	−·009	+·014	+·030	+·034	+·025	+·012	−·002	−·012	−·012	−·009	+·004	+·023	+·042	+·053	+·052	+·040	+·020	−·006	·032	−·052	−·064	29·730
September	1851	−·065	−·047	−·026	−·002	+·020	+·034	+·034	+·021	+·008	−·008	−·018	−·021	−·011	+·007	+·027	+·018	+·039	+·060	+·015	+·020	·010	·039	−·019	−·070	29·735
	2	·068	·053	·029	·006	·019	·037	·032	·022	·008	·006	·014	·014	·046	·003	·021	·051	·063	·058	·044	·014	·012	·038	·061	·069	·772
	3	·066	·060	·025	·000	·023	·036	·031	·023	·009	·001	·010	·014	·001	·003	·023	·015	·053	·053	·010	·016	·014	·031	·040	·072	·774
	4	·072	·054	·030	·000	·013	·027	·029	·021	·001	·003	·010	·013	·010	·007	·020	·018	·060	·062	·044	·023	·009	·037	·058	·070	·748
	5	·072	·057	·034	·007	·010	·032	·032	·021	·012	·002	·004	·012	·043	·011	·027	·018	·059	·054	·015	·015	·043	·014	·001	·073	·16
Means....		−·069	−·052	−·029	−·004	+·010	+·032	+·032	+·022	+·009	−·003	−·012	−·015	−·006	+·006	+·025	+·018	+·059	+·058	+·044	+·019	−·012	−·040	−·060	−·011	29·777
October	1851	−·061	−·039	−·019	+·006	+·028	+·034	+·030	+·019	+·003	−·012	−·020	−·022	−·014	+·002	+·024	+·044	+·019	+·060	+·040	+·011	−·014	−·041	−·060	−·062	29·938
	2	·051	·041	·021	·006	·025	·034	·028	·013	−·002	·013	·016	·019	·012	·001	·024	·010	·057	·034	·024	·011	·016	·040	·055	·057	·975
	3	·047	·041	·017	·009	·031	·031	·030	·017	−·002	·017	·023	·025	·017	·001	·021	·013	·060	·063	·043	·014	·012	·028	·057	·060	·972
	4	·057	·042	·020	·006	·026	·031	·030	·014	−·001	·014	·019	·024	·017	·000	·016	·041	·018	·061	·044	·015	·011	·034	·052	·060	·937
	5	·058	·044	·019	·006	·028	·026	·029	·015	−·004	·015	·024	·022	·012	·000	·023	·011	·014	·010	·045	·018	·014	·041	·058	·050	·955
Means....		−·017	·042	−·019	+·007	+·028	+·034	+·029	+·010	−·001	−·014	−·020	−·022	−·015	+·001	+·022	+·042	+·049	+·050	+·043	+·015	−·014	·030	−·054	−·060	29·955
November	1851	−·010	−·029	−·010	+·010	+·032	+·031	+·025	+·012	−·006	−·018	−·025	−·030	−·022	−·011	+·017	+·034	+·053	+·044	+·010	+·011	−·013	−·036	−·047	−·019	29·862
	2	·039	·020	·005	·017	·031	·037	·030	·024	+·001	·040	·028	·032	·025	·012	·010	·031	·052	·014	·038	·014	·014	·039	·053	·052	·934
	3	·014	·028	·000	·015	·030	·035	·022	·012	−·014	·020	·032	·037	·031	·012	·010	·030	·056	·061	·017	·021	·004	·031	·018	·052	·914
	4	·044	·030	·007	·017	·032	·040	·033	·019	+·001	·014	·028	·032	·024	·013	·011	·033	·040	·055	·012	·015	·013	·038	·050	·052	·957
	5	·042	·026	·005	·020	·033	·038	·032	·018	+·001	·015	·024	·033	·027	·008	·012	·034	·055	·055	·034	·013	·016	·041	·053	·052	·940
Means....		−·042	−·028	−·007	+·017	+·032	+·037	+·029	+·017	−·001	−·017	−·024	−·033	−·026	−·010	+·011	+·024	+·053	+·050	+·011	+·015	−·012	−·032	−·050	−·051	29·930
December	1851	−·010	−·024	−·006	+·017	+·036	+·011	+·035	+·023	+·006	−·013	−·030	−·022	−·022	−·040	+·011	+·041	+·040	+·063	+·032	+·028	−·001	−·028	−·045	−·018	29·994
	2	·044	·028	·010	·012	·020	·031	·029	·010	+·004	·013	·028	·033	·027	·047	·001	·033	·062	·053	·011	·023	·008	·033	·040	·001	29·944
	3	·019	·036	·012	·009	·025	·03	·026	·015	+·002	·013	·024	·029	·022	·011	·010	·039	·038	·061	·048	·023	·006	·033	·010	·055	30·014
	4	·042	·030	·007	·010	·031	·037	·029	·016	+·005	·010	·023	·010	·021	·012	·006	·031	·050	·054	·044	·019	·012	·038	·054	·056	[illegible]
	5	·042	·027	·008	·017	·032	·031	·027	·014	−·003	·017	·029	·033	·025	·001	·011	·037	·054	·018	·041	·010	·012	·036	·050	·050	30·004
Means....		−·042	−·029	−·008	+·014	+·031	+·036	+·029	+·016	+·002	−·013	−·027	−·031	−·024	−·011	+·008	+·036	+·035	+·037	+·040	+·022	−·008	−·034	−·050	−·052	29·992
Mean of 5 years 1851 to 1855.		−·059	−·014	−·024	−·001	+·019	+·031	+·031	+·021	+·005	−·009	−·016	−·022	−·016	−·002	+·010	+·040	+·056	+·050	+·045	+·023	−·003	−·032	−·052	−·061	29·840

STANDARD DRY THERMOMETER.

Mean Hourly Variations from the Monthly Means, 1841 to 1845.

Gottingen Mean Time.		Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Monthly Means.
Madras Mean Time.		4 41	5 41	6 41	7 41	8 41	9 41	10 41	11 41	12 41	13 41	14 41	15 41	16 41	17 41	18 41	19 41	20 41	21 41	22 41	23 41	0 41	1 41	2 41	3 41	
January	1842	+3·4	+1·3	+0·5	−0·0	−0·5	−0·8	−1·3	−1·8	−2·0	−2·6	−3·9	−3·3	−3·6	−4·0	−4·1	−2·6	−0·1	+1·9	+2·0	+3·8	+4·3	+4·4	+4·3	+3·3	77·0
	3	1·1	0·7	0·0	0·3	0·4	0·8	1·1	1·6	1·0	2·3	3·4	3·6	2·7	2·8	3·9	1·7	+0·4	1·8	6·6	3·4	3·6	2·6	2·2	3·6	77·6
	4	2·8	1·5	0·6	0·0	0·6	1·1	1·7	2·3	2·2	3·9	6·4	6·6	4·3	4·1	4·8	2·1	+0·2	2·4	6·0	4·6	0·0	6·0	4·7	2·0	76·7
	5	3·7	1·3	0·4	0·1	0·6	1·0	1·4	1·6	3·0	3·0	3·2	2·6	4·0	4·3	4·4	2·8	−0·3	2·1	3·6	4·4	4·7	4·7	4·4	3·6	76·8
Means		+2·49	+1·20	+0·31	−0·10	−0·60	−0·92	−1·38	−1·83	−2·05	−2·56	−3·94	−3·38	−3·65	−3·85	−4·05	−3·45	+0·05	+2·05	+3·28	+4·05	+4·40	+4·40	+4·14	+3·50	76·77
February	1842	+4·3	+2·8	+1·4	+0·6	−0·3	−0·8	−1·4	−3·0	−2·9	−3·9	−4·8	−5·2	−5·8	−6·2	−6·3	−4·1	−0·8	+1·6	+4·0	+5·4	+6·1	+6·3	+6·1	+6·0	77·9
	3	6·7	2·4	1·2	0·6	0·1	0·1	1·6	1·9	3·7	2·4	4·0	4·6	0·1	6·5	6·7	3·3	0·1	3·1	3·6	4·6	6·2	6·3	6·1	4·6	77·9
	4	3·7	2·3	1·0	0·2	0·6	1·0	1·6	2·2	3·8	3·4	4·1	4·6	6·0	6·6	6·6	3·2	0·1	3·3	3·8	4·5	6·4	6·1	6·6	4·9	77·7
	5	3·0	1·6	0·7	0·3	0·1	0·6	1·0	1·3	1·6	2·4	3·1	3·8	4·3	4·8	6·0	3·6	0·2	1·7	3·1	3·9	6·3	6·4	4·3	3·7	76·6
Means		+3·63	+2·28	+1·09	+0·35	−0·25	−0·80	−1·32	−1·86	−2·36	−3·67	−3·95	−4·65	−5·09	−5·62	−5·65	−3·32	−0·30	+1·94	+3·62	+4·64	+5·28	+5·48	+5·21	+4·70	76·23
March	1841	+3·2	+1·6	+0·3	−0·5	−1·0	−1·4	−1·8	−3·3	−3·6	−3·1	−3·8	−4·6	−6·0	−6·5	−6·2	−3·1	+0·1	+2·2	+4·3	+6·4	+6·0	+6·6	+6·2	+4·6	82·0
	2	3·6	2·1	0·9	+0·6	0·3	0·7	1·2	1·8	2·2	3·2	4·0	4·6	6·0	6·6	6·4	3·3	−0·9	1·3	3·6	4·0	6·1	6·0	6·6	4·8	83·4
	3	3·8	1·6	0·4	−0·2	0·6	0·8	1·2	1·6	2·1	3·6	6·1	2·7	4·4	4·9	4·6	3·2	+0·0	1·7	3·1	4·6	4·1	4·8	4·6	3·8	81·0
	4	2·1	1·0	0·4	−0·1	0·6	1·0	1·4	1·6	3·6	3·3	4·1	4·0	6·4	6·2	6·6	3·3	+0·1	2·4	4·0	6·1	6·1	6·8	6·4	6·7	82·2
	5	2·5	1·3	0·3	−0·2	0·6	0·8	1·3	1·6	1·9	6·6	3·1	6·0	4·2	4·7	4·5	2·3	+0·0	1·8	3·6	4·6	4·0	4·8	6·2	3·7	83·1
Means		+3·10	+1·64	+0·50	−0·10	−0·60	−0·96	−1·36	−1·84	−3·26	−3·92	−2·62	−4·24	−4·40	−5·26	−5·10	−2·56	−0·14	+1·90	+3·64	+4·84	+6·34	+5·44	+6·20	+4·20	82·24
April	1841	+2·6	+1·3	−0·4	−0·9	−1·3	−1·5	−1·9	−2·2	−2·6	−3·0	−2·7	−4·5	−4·9	−6·2	−3·8	−1·6	+0·7	+2·7	+4·0	+6·0	+6·5	+6·6	+6·1	+6·1	84·9
	2	3·3	1·4	0·0	0·1	1·2	1·6	3·0	3·4	3·8	3·3	3·8	4·3	4·6	4·8	4·2	3·3	−0·3	2·0	4·1	6·5	6·1	6·0	6·4	4·6	85·7
	3	3·5	1·1	0·0	0·6	0·9	1·2	1·5	1·1	3·1	3·7	2·2	3·1	4·1	4·4	3·5	1·8	−0·1	1·8	3·4	4·5	6·1	6·0	4·4	3·7	86·2
	4	2·6	0·9	0·3	1·0	1·4	1·8	2·1	2·6	3·1	3·5	4·0	4·4	4·1	4·9	4·0	1·8	+0·4	2·6	6·0	6·0	6·3	6·1	6·4	4·4	86·3
	5	2·2	0·6	0·4	1·0	1·6	1·8	6·0	3·3	3·6	3·0	3·2	3·4	3·6	4·1	3·4	1·6	+0·3	3·1	4·4	6·2	6·3	6·1	4·4	3·6	86·6
Means		+2·66	+1·04	−0·22	−0·34	−1·26	−1·58	−1·90	−3·24	−3·64	−3·10	−3·38	−4·06	−4·42	−4·68	−3·14	−1·78	+0·24	+2·42	+4·16	+6·24	+6·66	+6·34	+1·94	+4·06	85·76
May	1841	+2·9	+1·4	−0·0	−0·7	−1·1	−1·6	−2·1	−3·0	−3·4	−2·6	−4·3	−4·1	−5·1	−5·2	−4·6	−3·4	+0·1	+2·4	+4·6	+6·3	+6·6	+6·2	+6·8	+4·6	86·0
	2	3·4	0·6	0·1	0·8	1·1	1·6	1·8	3·2	6·7	3·6	3·1	4·0	4·4	4·1	4·3	2·1	−0·3	3·4	4·9	6·0	6·6	6·7	6·0	4·1	86·1
	3	2·3	1·0	0·0	0·6	0·9	1·1	1·4	1·3	2·2	3·6	2·9	3·3	3·6	3·8	3·6	1·4	−0·0	1·6	3·1	3·8	4·2	4·5	4·6	2·6	86·0
	4	1·6	0·6	0·3	0·1	1·2	1·0	3·0	3·2	2·0	3·1	3·5	3·8	4·2	4·4	3·6	1·7	+0·0	3·3	6·2	6·3	6·1	4·7	4·0	2·0	81·0
	5	3·9	1·2	0·2	1·1	1·7	3·0	2·4	2·9	3·3	3·6	4·2	4·6	6·0	5·4	4·6	2·3	+0·0	2·6	4·1	6·4	7·5	7·3	6·9	6·8	88·6
Means		+3·40	+1·02	−0·13	−0·76	−1·20	−1·56	−1·94	−2·34	−2·84	−3·30	−3·72	−4·58	−4·46	−4·10	−3·86	−2·10	+0·14	+2·42	+4·58	+6·76	+6·66	+5·66	+6·00	+6·00	87·10
June	1841	+3·2	+1·4	+0·3	−0·8	−1·2	−1·6	−1·9	−2·4	−2·4	−3·2	−3·6	−4·0	−4·4	−4·4	−4·1	−3·6	−0·6	+1·3	+3·3	+4·6	+6·1	+6·6	+6·1	+6·8	86·3
	2	3·2	4·7	0·6	0·2	0·1	1·1	1·7	3·2	2·0	3·4	3·8	4·2	4·8	6·0	4·4	3·0	0·6	1·9	4·1	6·6	6·0	6·0	6·1	4·0	88·1
	3	4·0	3·2	6·8	0·0	0·1	1·1	1·6	3·6	3·3	3·6	4·2	4·6	6·0	6·3	4·3	3·3	0·2	1·6	3·4	4·1	6·6	6·0	5·8	5·1	85·6
	4	3·1	2·2	0·8	0·6	1·1	1·6	3·0	3·4	2·0	3·6	4·0	4·4	4·8	6·3	4·3	2·6	0·7	1·6	3·6	6·0	0·0	6·1	6·3	4·8	88·6
	5	3·7	1·9	0·4	0·6	1·1	1·7	3·2	2·8	3·1	3·5	3·6	4·2	4·3	4·8	4·0	3·3	0·1	2·1	4·0	6·8	6·1	6·7	0·2	4·2	86·6
Means		+3·58	+1·30	+0·36	−0·36	−0·66	−1·42	−1·92	−3·42	−3·04	−3·52	−3·88	−4·26	−4·64	−4·66	−4·22	−2·62	−0·42	+1·74	+3·60	+6·04	+6·46	+4·06	+6·68	+4·60	81·02
July	1841	+4·2	+2·6	+1·0	−0·1	−0·7	−1·3	−1·7	−2·2	−2·7	−3·2	−3·8	−4·3	−4·7	−4·9	−4·6	−3·3	−1·3	+0·5	−3·4	+4·3	+5·6	+6·3	+6·2	+6·4	86·8
	2	3·8	2·6	1·0	−0·1	0·1	1·3	3·0	2·3	2·8	3·3	3·7	4·1	4·6	4·6	4·6	3·1	1·2	0·6	2·1	4·3	6·6	6·3	6·5	0·2	86·3
	3	4·4	2·6	1·4	+0·6	0·6	1·3	2·0	2·5	2·7	6·1	3·5	3·9	4·2	4·6	4·2	3·0	1·2	0·6	3·8	3·6	4·6	6·3	6·6	6·2	85·9
	4	3·6	2·2	0·6	−0·2	0·9	1·2	1·6	2·0	2·3	2·7	3·1	3·4	3·9	4·3	4·1	3·6	1·1	0·1	3·8	3·6	4·9	6·6	6·3	4·6	85·6
	5	3·1	1·3	0·1	−0·8	1·4	1·6	2·1	2·5	6·6	3·3	3·6	4·1	4·6	4·8	4·3	2·4	6·6	1·6	3·6	6·3	6·7	6·9	6·4	4·3	86·1
Means		+3·14	+2·26	+0·82	−0·14	−0·94	−1·64	−1·88	−3·30	−2·64	−3·12	−3·54	−3·94	−4·34	−4·46	−4·36	−3·92	−1·66	+0·76	+3·64	+4·26	+6·52	+6·06	+6·02	+4·94	86·34
August	1841	+3·0	+1·5	+0·5	+0·1	−0·4	−0·5	−1·0	−1·7	−2·4	−2·6	−3·1	−3·2	−3·3	−3·6	−3·4	−2·5	−1·2	+0·4	+2·0	+3·3	+4·4	+5·2	+4·6	+4·1	82·6
	2	3·3	1·6	0·4	−0·4	0·8	1·4	1·4	2·1	2·6	2·6	2·2	3·6	3·0	4·3	4·1	2·6	0·9	1·0	2·9	4·3	6·6	6·8	6·4	4·0	84·6
	3	3·6	3·0	1·0	+0·3	0·4	1·1	1·0	2·3	2·0	3·2	3·6	3·8	4·1	4·6	4·1	2·8	1·0	1·1	3·9	4·4	6·2	6·2	6·3	4·6	84·6
	4	4·1	3·5	1·1	−0·1	0·1	1·1	1·6	2·0	2·6	3·0	2·6	3·0	4·6	4·6	4·3	3·0	1·6	0·6	6·3	3·6	6·1	6·6	6·6	6·1	85·3
	5	3·3	1·7	0·6	−0·6	1·4	1·8	2·2	2·6	2·8	3·6	3·7	4·0	6·4	4·8	4·4	2·5	0·6	1·7	3·1	6·0	0·3	6·8	6·0	4·6	85·8
Means		+3·46	+1·86	+0·72	−0·14	−0·14	−1·16	+1·66	−2·14	−2·64	−2·04	−3·42	−3·70	−3·87	−4·34	−4·06	−2·90	−1·07	+0·04	+2·16	+4·18	+5·30	+5·76	+6·44	+4·60	84·52
September	1841	+3·2	+1·7	+0·6	−0·1	−0·6	−1·2	−1·6	−6·0	−6·4	−6·7	−3·1	−3·6	−2·0	−4·2	−4·0	−2·7	−0·8	+0·6	+2·9	+4·2	+4·6	+6·0	+4·6	+4·3	83·0
	2	2·4	1·2	0·5	−0·5	0·7	1·1	1·6	1·0	2·1	3·6	3·0	2·1	2·6	3·1	3·4	3·1	0·4	1·2	6·4	4·1	4·8	4·6	4·4	3·7	82·4
	3	2·1	1·9	0·0	+0·3	0·8	0·9	1·4	1·6	3·7	3·0	2·6	4·3	4·6	4·7	4·2	3·6	1·0	1·1	2·6	4·4	6·6	6·6	6·6	4·0	84·3
	4	2·2	4·3	0·7	+0·2	0·4	0·8	1·1	1·4	2·0	3·3	2·9	3·5	3·8	4·1	3·6	3·3	0·7	1·0	3·5	2·9	4·7	4·7	4·6	3·7	83·0
	5	2·1	1·3	0·4	−0·1	0·5	0·9	1·3	3·1	2·6	2·6	3·1	3·4	3·9	4·1	3·1	3·3	0·8	1·5	2·3	3·1	5·4	6·0	4·0	3·1	83·9
Means		+3·40	+1·44	+0·54	−0·04	−0·47	−0·38	−1·40	−1·66	−2·34	−2·64	−3·10	−3·34	−3·92	−4·20	−3·42	−3·44	−0·70	+1·14	+3·42	+4·34	+5·08	+5·06	+4·66	+3·76	83·50
October	1841	+1·8	+1·1	+0·6	+0·3	+0·1	−0·0	−0·3	−0·6	−1·0	−1·3	−1·0	−2·1	−2·3	−2·4	−2·4	−1·0	−0·0	+0·3	+1·4	+3·0	+3·3	+3·5	+3·3	+1·9	79·8
	2	2·5	1·3	0·4	−0·1	−0·3	0·6	1·0	1·4	1·8	2·4	3·1	3·6	3·8	4·1	3·6	1·6	+0·6	1·7	2·6	3·3	4·3	4·0	3·6	3·2	81·9
	3	2·3	1·3	0·6	+0·3	−0·8	0·7	1·0	1·4	3·1	2·4	2·9	3·1	3·6	3·7	3·2	1·7	−0·1	1·4	2·5	3·3	2·6	3·9	3·7	2·1	80·7
	4	3·6	1·5	0·9	+0·3	−0·3	0·0	1·0	1·4	3·1	3·6	2·0	3·4	6·7	4·0	3·0	1·9	−0·4	1·1	2·2	3·2	2·0	3·9	3·6	3·6	80·6
	5	2·4	1·2	0·4	+0·1	−0·3	0·6	1·2	1·7	3·3	2·7	3·1	3·6	4·1	4·4	3·1	3·1	−0·1	1·9	3·3	4·0	4·6	4·6	4·1	3·3	83·0
Means		+2·38	+1·29	+0·63	+0·16	−0·16	−0·56	−0·84	−1·30	−1·86	−2·28	−2·80	−3·13	−3·48	−3·72	−3·29	−1·82	−0·14	+1·26	+2·38	+3·16	+3·76	+3·76	+3·38	+3·04	81·18
November	1841	+2·5	+1·0	+0·3	−0·0	−0·5	−0·6	−1·1	−1·3	−1·6	−3·4	−2·8	−3·3	−3·3	−4·1	−4·0	−2·3	−0·2	+1·7	+2·6	+3·6	+4·1	+4·4	+4·2	+3·6	78·4
	2	1·6	0·6	0·0	0·2	0·4	0·6	0·9	1·2	1·6	2·3	2·7	6·0	2·1	3·4	3·1	1·5	+0·7	2·2	2·9	3·4	2·4	3·4	3·1	2·6	78·6
	3	2·2	1·0	0·6	0·3	0·7	0·8	1·4	1·6	2·1	6·6	3·0	6·1	4·2	4·7	4·5	2·7	+0·6	2·7	3·1	4·4	4·8	4·6	3·9	3·1	77·9
	4	1·6	0·9	0·4	0·0	0·6	0·4	1·3	1·7	1·6	3·7	6·4	6·6	4·2	4·6	4·1	2·2	+0·7	3·0	4·1	4·6	4·6	4·4	2·9	3·2	79·2
	5	1·4	0·8	0·3	0·0	0·2	0·7	1·1	1·6	2·4	3·8	3·4	3·7	4·3	4·6	4·2	1·0	+0·6	2·9	4·1	4·4	4·6	6·5	3·5	3·3	79·1
Means		+3·00	+0·86	+0·26	−0·13	−0·48	−0·14	−1·10	−1·40	−2·04	−2·84	−3·00	−3·52	−3·92	−4·28	−4·04	−2·02	+0·66	+2·50	+3·64	+4·12	+4·21	+4·24	+3·72	+3·66	78·86
December	1841	+2·6	+1·4	+0·6	+0·2	−0·2	−0·6	−1·1	−1·6	−3·0	−3·4	−2·9	−3·3	−3·7	−4·1	−4·3	−3·0	−0·3	+1·6	+2·1	+3·7	+4·4	+4·4	+4·1	+3·2	76·7
	2	2·4	1·2	0·2	−0·2	−0·7	1·2	1·5	1·2	2·4	3·6	3·0	2·5	4·0	4·6	4·6	3·7	+0·6	2·5	2·6	6·6	6·0	4·8	4·4	3·6	76·8
	3	1·7	0·8	0·1	−0·2	−0·5	0·8	1·0	1·2	1·7	2·1	2·6	2·9	3·3	3·5	3·9	3·2	−0·1	1·8	3·0	3·6	4·1	4·0	3·6	2·0	78·9
	4	1·9	1·0	0·7	+0·3	+0·1	0·3	0·6	1·1	1·5	1·8	3·3	2·5	3·1	2·2	2·9	1·6	−0·2	1·2	2·2	2·8	3·8	3·7	2·8	2·3	76·9
	5	1·7	0·8	0·3	0·0	−0·4	0·0	1·1	1·5	1·4	2·3	3·5	3·1	2·6	3·0	3·1	2·1	+0·1	1·6	3·6	3·6	3·6	2·6	3·3	2·6	77·1
Means		+2·06	+1·04	+0·40	+0·02	−0·34	−0·61	−1·04	−1·44	−1·88	−2·22	−2·64	−2·98	−3·30	−3·60	−3·76	−2·38	+0·08	+1·70	+3·96	+3·51	+3·90	+3·90	+3·62	+2·90	76·76
Mean of years 1841 to 1845.		+2·85	+1·49	+0·46	−0·11	−0·66	−1·05	−1·48	−1·93	−3·40	−2·86	−3·36	−3·78	−4·17	−4·49	−4·12	−3·43	−0·24	+1·74	+3·35	+4·44	+6·02	+5·11	+4·77	+2·96	82·22

STANDARD DRY THERMOMETER.

Mean Hourly Variations from the Monthly Means, 1851 to 1855.

4

Gottingen Mean Time		Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Monthly Means.
Madras Mean Time.		h.m. 4 41	h.m. 5 41	h.m. 6 41	h.m. 7 41	h.m. 8 41	h.m. 9 41	h.m. 10 41	h.m. 11 41	h.m. 12 41	h.m. 13 41	h.m. 14 41	h.m. 15 41	h.m. 16 41	h.m. 17 41	h.m. 18 41	h.m. 19 41	h.m. 20 41	h.m. 21 41	h.m. 22 41	h.m. 23 41	h.m. 0 41	h.m. 1 41	h.m. 2 41	h.m. 3 41	
January.........	1851	+4·7	+2·9	+1·9	+0·4	−0·5	−0·8	−1·3	−2·0	−3·1	−3·2	−4·4	−3·1	−5·0	−5·5	−3·4	−4·5	−0·5	+2·1	+4·5	+3·4	+0·5	+5·2	+5·0	+5·3	76·4
	2	4·1	5·1	1·9	+0·1	−0·7	1·9	1·5	3·4	3·5	5·5	4·0	4·5	5·0	5·7	6·0	3·9	0·6	2·5	4·5	5·2	5·9	6·1	5·6	5·2	75·1
	3	5·9	1·9	5·2	−0·3	−0·7	1·1	1·6	2·6	5·4	2·5	2·8	3·7	5·4	5·5	2·8	2·5	0·3	1·5	5·0	5·0	4·4	4·4	4·7	2·6	75·9
	4	4·0	0·4	1·2	+0·6	+0·1	0·5	1·6	2·2	5·2	5·7	4·4	4·5	5·5	5·1	5·4	4·0	0·1	2·0	4·5	5·3	5·6	6·8	6·6	5·0	75·3
	5	3·3	1·9	0·5	−0·1	−0·7	1·1	1·5	2·0	2·0	2·3	2·1	3·6	4·3	5·5	4·5	2·5	6·5	1·6	2·5	4·5	5·0	5·5	4·9	4·6	77·5
Means.........		+3·04	+5·15	+0·60	+5·14	−0·44	−0·94	−1·36	−3·12	−3·72	−3·30	−3·16	−4·34	−4·92	−5·26	−3·44	−3·46	−0·36	+2·28	+3·90	+4·04	+3·46	+4·30	+3·25	+4·70	76·00
February.......	1851	+4·4	+3·5	+1·9	+0·6	−0·4	−1·1	−1·5	−2·5	−5·0	−4·5	−5·5	−6·2	−7·0	−7·5	−7·5	−5·9	−0·5	+5·1	+5·1	+5·5	+6·9	+7·5	+2·1	+6·5	77·4
	2	6·0	6·1	1·3	+0·6	0·6	1·1	2·0	3·0	3·1	4·4	5·9	5·5	5·0	6·4	5·3	4·3	−0·6	2·6	4·6	5·0	5·5	6·5	6·6	6·1	75·3
	3	5·6	6·9	1·6	+0·3	0·4	1·9	3·4	3·3	4·0	1·7	5·3	6·7	5·2	5·5	6·6	3·6	−0·6	2·4	4·4	5·5	6·3	5·7	4·7	5·4	76·5
	4	4·0	5·1	3·6	+0·2	0·3	0·8	1·4	2·3	2·5	3·9	4·4	2·2	3·1	6·1	5·7	4·1	−5·5	2·5	4·7	5·9	6·5	6·0	5·2	5·4	76·8
	5	3·5	2·3	5·5	−5·2	0·6	1·1	1·6	2·9	5·6	3·3	5·1	4·5	4·5	5·5	5·7	3·1	+5·1	2·4	4·0	6·1	5·3	3·6	3·3	4·6	76·3
Means.........		+4·75	+5·02	+1·10	+5·21	−0·48	−1·14	−1·86	−2·62	−5·36	−4·12	−4·75	−5·36	−6·02	−6·34	−4·66	−4·06	−0·38	+2·65	+4·60	+5·76	+6·30	+6·44	+5·36	+5·04	77·94
March..........	1851	+4·7	+3·5	+0·6	−0·2	−0·5	−1·4	−3·5	−3·0	−2·9	−4·5	−5·4	−3·0	−4·5	−7·5	−6·6	−5·2	+0·7	+3·6	+6·6	+3·2	+7·2	+7·0	+5·6	+6·0	82·1
	2	4·7	2·5	0·1	0·6	1·4	1·6	5·0	2·0	5·4	4·1	4·6	5·5	6·0	5·6	6·1	2·9	3·7	3·5	5·1	6·9	6·4	5·4	5·3	5·6	82·3
	3	6·2	3·2	1·0	5·2	1·1	1·9	5·7	3·5	4·0	4·6	6·1	5·6	3·5	6·3	6·2	3·1	0·0	2·4	4·2	5·9	6·6	7·2	7·6	5·5	81·5
	4	5·5	2·5	0·6	0·6	5·1	1·4	5·2	3·1	4·0	5·0	6·7	5·1	1·0	1·0	1·5	6·3	0·6	5·5	2·1	6·5	1·2	1·5	1·5	5·1	82·1
	5	1·1	2·5	0·3	0·4	0·5	1·4	1·6	2·4	3·1	5·0	4·9	6·0	6·9	3·4	5·4	5·1	1·0	5·5	4·5	5·5	4·9	5·8	5·9	5·1	81·9
Means.........		+4·74	+2·66	+0·62	−5·28	−1·00	−1·38	−2·28	−2·90	−3·66	−4·44	−3·08	−5·70	−5·24	−0·74	−3·26	−2·06	+0·60	+5·24	+5·10	+6·16	+6·60	+5·78	+3·62	+5·36	82·06
April...........	1851	+1·1	+3·1	−0·2	−1·1	−1·5	−2·1	−2·6	−3·3	−3·3	−4·6	−4·5	−5·7	−6·5	−3·7	−2·2	−1·2	+1·2	+4·4	+2·1	+0·5	+5·5	+6·2	+5·5	+5·5	90·7
	2	4·7	5·5	0·9	1·4	3·0	5·5	5·0	5·4	4·5	4·7	6·5	5·9	6·4	3·5	5·9	1·1	1·7	4·5	5·5	6·9	5·7	5·1	4·4	5·5	90·0
	3	4·5	3·6	0·4	1·3	1·6	5·9	5·5	2·1	3·9	4·2	4·7	5·1	5·5	5·6	3·8	5·5	1·5	5·6	4·6	5·9	5·7	5·6	4·5	5·1	85·5
	4	5·6	1·1	1·2	5·0	2·4	5·5	2·4	5·6	4·2	4·5	4·5	5·3	5·4	3·9	4·5	1·3	1·6	4·9	2·9	1·4	1·7	7·4	5·7	4·6	89·1
	5	3·2	1·5	0·7	1·5	1·9	2·3	2·6	5·0	6·6	4·2	4·0	5·3	6·6	5·2	4·4	3·7	5·3	4·7	6·1	6·7	6·5	5·3	5·7	4·6	86·3
Means.........		+5·06	+1·56	−0·50	−1·44	−2·00	−2·42	−2·84	−5·30	−3·62	−4·44	−2·00	−5·45	−3·16	−4·34	−4·52	−1·06	+1·88	+4·42	+5·98	+6·84	+5·66	+5·56	+5·14	+5·34	86·52
May............	1851	+4·1	+3·2	−0·3	−1·9	−1·9	−3·2	−2·5	−5·1	−3·5	−5·6	−4·4	−4·6	−5·3	−5·3	−3·6	−1·5	+1·1	+2·6	+4·2	+5·0	+5·7	+5·9	+5·5	+5·2	86·9
	2	5·7	3·6	0·5	1·5	2·1	5·5	5·4	5·7	4·3	4·6	4·5	5·7	3·5	5·6	4·6	1·4	1·4	3·5	5·9	7·5	6·5	7·6	7·0	6·2	88·4
	3	4·3	2·1	1·9	3·9	3·7	3·2	5·5	3·5	4·4	6·1	5·3	5·5	5·5	5·5	4·3	5·7	2·0	4·4	6·4	7·7	7·9	7·7	7·9	3·1	90·1
	4	5·5	1·5	1·8	5·5	5·9	3·3	5·2	4·1	4·9	5·0	5·6	5·5	2·4	6·6	3·4	5·3	3·6	2·1	6·1	7·6	6·1	5·1	7·1	5·1	90·2
	5	4·1	5·5	2·0	5·6	5·4	6·6	4·5	4·6	4·9	5·2	5·9	3·1	6·1	7·0	4·4	0·6	2·9	3·6	1·5	5·4	5·4	5·7	7·2	5·2	91·3
Means.........		+4·02	+1·82	−1·00	−1·98	−2·45	−3·10	−2·46	−2·96	−4·34	−4·76	−5·34	−5·70	−6·10	−5·46	−4·14	−0·76	+2·00	+4·36	+2·24	+1·85	+1·92	+7·64	+5·88	+5·74	89·30
June............	1851	+5·6	+3·3	+0·5	−0·9	−1·2	−2·6	−5·2	−4·0	−4·3	−4·3	−6·3	−5·0	−3·3	−0·5	−4·0	−3·0	+0·2	+2·1	+4·6	+5·9	+7·1	+5·1	+6·1	+7·2	88·4
	2	4·6	3·2	−3·5	1·9	3·9	3·0	5·4	3·9	4·4	4·9	5·9	5·5	3·5	5·1	4·7	1·8	1·0	3·9	3·5	7·9	6·5	6·6	7·1	3·6	88·3
	3	6·4	5·1	−3·2	1·9	5·5	3·1	3·7	4·3	4·7	5·0	4·6	6·1	5·2	5·5	4·6	5·1	0·5	2·5	4·7	5·7	8·3	5·9	5·7	2·0	90·5
	4	4·5	1·9	−1·4	5·6	5·4	4·6	4·3	4·5	4·6	6·5	6·0	5·1	5·6	3·1	4·9	5·6	1·6	5·9	6·6	1·5	6·4	5·4	5·4	6·1	81·0
	5	1·2	1·5	−5·5	1·9	5·5	5·1	5·6	5·7	4·1	4·6	6·7	5·5	6·1	5·5	4·4	1·5	1·6	3·9	5·5	7·1	6·6	5·0	7·0	5·5	89·8
Means.........		+1·96	+2·26	−0·84	−1·02	−4·06	−5·12	−3·68	−4·44	−4·54	−4·34	−3·32	−0·72	−5·16	−4·40	−1·54	−1·46	+1·00	+5·26	+5·32	+6·94	+8·16	+5·58	+7·26	+5·66	89·93
July............	1851	+5·5	+2·9	+5·2	−0·7	−1·6	−2·1	−3·3	−3·9	−3·6	−4·1	−4·1	−4·6	−6·2	−3·5	−4·5	−3·5	−0·1	+1·5	+5·0	+5·2	+6·6	+7·9	+1·2	+5·5	85·4
	2	4·6	3·0	+0·6	0·9	1·9	3·5	5·0	3·3	5·9	4·2	4·5	4·9	5·2	6·5	4·4	5·1	+0·5	5·5	5·7	5·2	4·4	7·6	5·9	6·2	86·4
	3	4·7	2·1	−0·1	1·1	1·6	5·3	5·7	3·4	3·6	4·3	4·5	5·5	5·6	5·3	5·0	5·5	0·6	5·4	4·2	5·0	7·9	6·2	7·9	5·9	88·0
	4	4·6	2·7	+0·2	1·8	0·5	2·6	5·1	5·1	5·5	4·5	4·1	5·1	5·9	5·7	5·5	5·7	−0·6	5·0	4·1	5·1	7·2	6·5	7·9	5·5	90·1
	5	4·1	1·9	−0·5	2·0	5·6	3·3	4·6	4·4	4·6	3·6	5·2	5·2	5·5	5·6	0·1	5·1	+0·4	2·9	4·1	5·6	6·9	5·5	6·6	7·7	89·8
Means.........		+4·90	+3·12	+0·08	−1·22	−2·15	−2·86	−5·15	−3·66	−4·06	−5·26	−4·84	−5·16	−4·54	−5·06	−4·60	−2·47	+0·06	+2·18	+4·06	+5·75	−7·22	+5·06	+7·06	+2·76	87·42
August..........	1851	+5·4	+3·5	+1·3	−0·2	−1·2	−2·1	−2·1	−5·1	−3·7	−4·0	−4·5	−2·0	−5·4	−5·2	−5·3	−3·4	−1·1	+1·9	+2·9	+4·9	+5·0	+7·9	+7·2	+5·0	85·2
	2	5·2	3·4	0·1	0·9	1·1	1·7	2·5	3·0	2·2	3·5	4·2	4·7	5·5	5·2	5·0	3·0	−0·7	1·9	5·1	4·9	5·2	5·6	6·6	5·1	84·2
	3	4·5	3·6	0·2	0·6	1·9	2·1	5·5	3·0	2·4	3·9	5·4	4·9	5·4	5·6	4·5	2·3	0·0	2·1	1·0	5·8	6·6	5·7	6·2	5·3	80·5
	4	5·1	5·5	5·9	1·2	1·8	3·6	6·0	5·3	5·6	4·9	4·5	4·9	6·3	4·7	4·6	2·4	−0·2	1·6	5·7	5·6	7·2	7·7	1·3	2·7	86·6
	5	4·6	3·5	5·2	1·0	3·5	2·1	5·7	4·1	4·4	4·7	5·1	5·4	5·6	6·1	4·1	1·9	+0·5	2·1	5·2	7·5	5·9	5·0	7·5	5·2	88·0
Means.........		+4·94	+5·05	+0·15	−0·72	−1·25	−2·22	−2·72	−3·22	−5·62	−4·12	−4·56	−4·36	−4·38	−3·16	−4·90	−3·66	−0·30	+1·82	+5·84	+5·40	+5·60	+7·10	+1·96	+5·14	86·46
September......	1851	+5·9	+2·5	+5·7	−0·3	−1·2	−1·6	−2·2	−2·9	−5·4	−3·5	−4·2	−4·7	−6·2	−5·5	−4·5	−2·1	−0·2	+1·9	+6·5	+4·1	+5·0	+5·5	+6·7	+6·0	85·8
	2	4·9	1·6	3·3	5·6	1·4	1·8	3·4	2·9	3·3	3·7	4·1	4·9	4·6	6·6	4·7	2·4	−5·1	2·6	4·1	5·4	6·2	5·4	6·0	5·5	85·4
	3	5·5	1·5	−0·1	5·3	1·5	1·5	2·3	5·8	3·4	4·5	4·9	4·5	6·3	5·7	4·9	2·5	−5·1	2·9	4·3	5·1	7·9	7·6	5·1	5·5	86·5
	4	3·6	1·1	−5·0	1·3	1·7	3·2	3·5	2·6	3·1	3·8	4·4	4·6	5·1	5·4	4·5	2·6	+0·9	2·3	4·9	5·4	5·5	5·5	5·5	5·7	95·5
	5	5·5	1·9	−0·5	1·0	1·5	1·5	2·2	2·7	3·3	3·6	4·5	4·6	3·6	5·9	5·5	3·6	+0·5	5·4	5·9	5·5	7·0	7·1	5·5	4·6	86·3
Means.........		+4·04	+1·90	0·00	−0·55	−1·46	−1·90	−3·32	−2·76	−3·29	−3·62	−4·32	−4·76	−5·30	−2·84	−4·55	−2·62	5·30	+5·26	+4·16	+3·72	+6·64	+5·82	+5·34	+5·50	85·94
October........	1851	+3·9	+1·7	+5·5	−0·3	−0·6	−1·5	−5·1	−5·0	−3·0	−2·2	−3·5	−4·1	−4·4	−5·5	−4·4	−2·5	−0·5	+1·7	+5·5	+4·5	+5·5	+5·9	+5·6	+2·1	82·9
	2	2·1	5·6	0·0	0·4	0·6	1·0	1·5	5·5	2·4	5·5	5·1	5·5	5·5	5·1	5·1	1·0	+5·9	5·3	6·2	4·1	4·3	4·0	3·7	3·3	81·4
	3	5·9	1·5	0·2	0·5	5·5	1·4	1·0	5·9	5·9	5·1	4·1	4·4	4·7	4·5	5·5	1·2	+1·1	3·0	4·1	6·0	5·3	5·1	4·9	3·8	83·5
	4	2·9	1·5	0·4	0·2	0·9	1·4	1·5	2·3	3·6	5·1	5·6	4·1	4·1	4·5	5·0	1·2	+0·4	2·1	5·5	4·1	5·2	5·1	4·7	4·0	82·4
	5	2·5	1·1	0·1	0·5	1·3	1·9	2·0	2·6	3·6	5·5	5·7	3·5	4·3	4·3	6·6	1·7	+0·4	3·3	5·7	4·9	4·4	5·4	2·2	4·0	82·0
Means.........		+5·00	+1·20	+0·20	−5·34	−0·90	−1·36	−1·68	−2·30	−2·95	−3·29	−3·64	−3·96	−4·32	−4·50	−3·16	−1·66	+5·50	+5·26	+6·62	+4·66	+5·16	+5·10	+4·46	+4·96	82·44
November......	1851	+1·9	+0·5	0·5	−0·1	−3·3	−5·2	−1·9	−1·7	−1·6	−2·2	−2·5	−2·7	−2·6	−5·0	−2·6	−1·1	+0·4	+1·7	+3·5	+5·5	+5·5	+2·5	+2·9	+2·2	79·2
	2	1·9	5·7	6·6	−5·4	5·7	0·0	1·0	1·5	1·6	2·5	2·7	5·0	5·5	3·6	5·0	1·2	0·5	1·7	2·8	6·4	3·4	5·7	5·7	2·6	76·4
	3	2·0	5·5	+5·3	0·9	0·3	0·0	1·1	1·4	1·5	5·4	2·4	5·1	3·5	3·8	3·3	1·5	0·5	3·1	3·9	5·3	3·6	5·5	5·4	2·9	79·4
	4	1·7	0·5	−0·3	−0·5	0·4	1·2	1·9	1·5	2·5	2·6	2·6	3·1	5·4	5·6	3·0	1·2	0·9	2·4	3·5	5·5	4·4	4·6	5·5	2·5	75·6
	5	2·5	1·4	+0·3	+0·1	0·3	5·6	1·2	1·6	2·9	3·4	3·0	4·4	5·0	5·4	5·9	3·5	0·1	2·5	4·2	4·7	5·1	6·1	4·5	5·4	76·5
Means.........		+1·26	+0·82	+5·10	−5·26	−5·04	−0·86	−1·20	−1·76	−2·11	−5·56	−5·04	−5·20	−5·60	−5·82	−5·38	−1·46	+0·60	+2·16	+5·18	+5·66	+4·04	+4·66	+5·56	+3·96	75·15
December......	1851	+2·6	+1·4	+0·4	−0·1	−6·2	−3·2	−1·3	−1·5	−2·1	−2·7	−2·2	−5·7	−4·2	−4·6	−4·5	−3·7	0·0	+2·2	+6·5	+4·4	+4·6	+4·5	+4·4	+5·4	77·4
	2	2·2	0·9	0·2	−0·2	0·4	0·6	0·9	1·5	1·7	2·2	2·4	5·0	3·1	5·7	3·5	2·2	−0·3	1·5	5·4	3·5	4·1	4·1	3·5	3·1	76·6
	3	3·6	2·1	1·1	+0·4	0·1	0·7	1·2	1·6	2·7	3·4	4·1	4·5	5·5	5·1	0·9	3·1	−0·1	2·6	4·4	5·2	6·6	5·5	5·2	4·5	76·9
	4	5·1	1·5	0·5	−0·3	3·2	0·9	1·2	1·4	1·9	2·4	2·6	3·1	3·6	5·6	5·5	1·0	−0·1	2·6	3·2	5·6	6·9	4·1	3·6	5·0	77·0
	5	3·3	1·9	0·1	−0·6	1·1	1·1	2·3	2·6	3·1	3·6	4·0	4·2	4·9	6·9	1·0	1·5	+0·6	3·4	4·5	5·5	4·1	6·9	5·5	4·6	77·1
Means.........		+2·90	+1·24	+0·36	−3·74	−0·34	−0·94	−1·56	−1·62	−5·42	−3·04	−2·34	−5·62	−4·30	−4·46	−5·54	−2·46	+0·90	+2·36	+5·73	+4·50	+4·62	+4·95	+4·15	+5·64	76·96
Mean of 5 years 1851 to 1855 ...		+3·60	+2·05	+0·15	−0·72	−1·36	−1·27	−2·37	−2·99	−3·41	−3·92	−4·33	−4·35	−3·31	−3·56	−4·82	−5·27	+3·47	+2·77	+4·44	+3·84	+3·30	+5·47	+6·15	+3·50	83·41

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WET BULB THERMOMETER.

Mean Hourly Variations from the Monthly Means, 1841 to 1845.

Göttingen Mean Time.		Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Monthly Means.
Madras Mean Time.		h. m. 4 41	h. m. 5 41	h. m. 6 41	h. m. 7 41	h. m. 8 41	h. m. 9 41	h. m. 10 41	h. m. 11 41	h. m. 12 41	h. m. 13 41	h. m. 14 41	h. m. 15 41	h. m. 16 41	h. m. 17 41	h. m. 18 41	h. m. 19 41	h. m. 20 41	h. m. 21 41	h. m. 22 41	h. m. 23 41	h. m. 0 41	h. m. 1 41	h. m. 2 41	h. m. 3 41	
January	1842	+0·7	+0·3	+0·2	+0·1	−0·2	−0·3	−0·3	−0·5	−0·9	−1·2	−1·4	−1·7	−1·9	−2·1	−2·1	+0·1	+1·2	+1·7	+1·2	+1·4	+1·7	+1·8	+1·3	+1·2	72·4
	3	0·4	0·0	0·2	−0·2	−0·2	0·2	0·3	0·5	0·8	1·0	1·1	1·1	1·2	1·2	1·0	−0·1	0·8	1·1	1·1	1·2	1·4	1·3	1·0	0·8	72·0
	4	0·6	0·1	+0·2	0·0	−0·1	0·6	0·8	1·2	1·1	1·4	1·7	1·8	2·0	2·3	2·2	+0·1	1·5	1·2	1·9	2·0	2·8	2·1	1·0	1·2	69·0
	5	0·0	0·1	+0·1	+0·1	+0·1	0·1	0·2	0·4	0·4	1·1	1·4	1·3	1·1	1·8	2·0	−0·6	0·0	1·1	1·3	4·5	1·6	1·0	1·4	0·8	70·0
Means		+0·52	+0·10	+0·07	0·00	−0·11	0·20	0·13	0·50	0·90	−1·17	−1·32	1·63	1·70	−1·81	−1·82	0·17	+1·03	+1·47	+1·42	+1·52	+1·70	1·30	+1·32	+1·00	71·30
February	1842	+1·0	+1·0	−0·3	+0·5	+0·1	0·0	−0·3	−0·6	1·2	−1·9	−2·2	−2·6	−2·8	−3·0	−2·4	−0·1	+1·7	+1·3	+2·0	+2·0	+1·8	+1·0	+1·4	+1·4	71·3
	3	1·0	0·5	0·3	+0·2	+0·1	0·1	0·2	0·0	1·2	1·4	2·1	2·2	2·3	2·6	2·4	+0·1	1·4	1·6	1·4	1·0	1·8	1·7	1·0	1·4	71·0
	4	0·9	0·0	0·2	0·1	0·1	0·2	0·5	0·4	1·0	1·1	1·7	2·0	2·3	2·5	2·2	+0·2	1·3	1·0	1·0	2·0	1·1	1·8	1·4	1·3	71·5
	5	0·6	0·1	0·0	−0·1	0·0	0·2	0·3	0·4	0·8	1·0	1·3	1·8	2·0	2·3	2·1	+0·1	1·2	1·2	1·4	4·1	1·0	1·0	1·2	1·0	73·4
Means		+0·90	+0·00	−0·33	+0·12	+0·10	−0·12	−0·09	−0·42	1·00	−1·45	−1·82	−2·06	−2·35	−2·60	2·37	+0·10	+1·10	+1·02	+1·60	+1·90	+1·77	+1·62	+1·40	+1·27	72·02
March	1841	+0·4	+0·4	−0·1	0·0	−0·3	−0·2	−0·1	−0·5	−0·5	−0·9	−1·3	−1·8	−2·1	−2·4	−1·7	0·0	+0·3	+0·6	+1·1	+1·3	+1·0	+1·0	+1·0	+1·3	70·3
	2	0·7	0·6	+0·1	+0·1	−0·3	+0·2	−0·1	0·3	0·5	1·1	1·0	1·8	2·1	2·3	1·0	+0·1	0·0	0·8	1·0	1·4	1·3	1·5	1·2	1·1	70·8
	3	0·0	0·6	−0·2	0·4	−0·4	−0·5	−0·5	0·0	0·8	0·0	1·2	1·5	1·8	2·0	1·1	0·0	1·1	1·1	1·3	1·0	1·0	1·0	1·3	1·1	73·2
	4	0·4	0·4	0·0	0·0	0·0	0·0	−0·2	0·0	0·2	1·1	1·6	2·1	2·3	3·0	1·9	0·5	0·4	1·0	1·6	1·7	1·8	1·1	1·0	1·3	70·5
	5	0·3	0·0	+0·0	0·0	0·0	0·0	0·1	0·2	0·2	0·5	0·8	1·1	1·5	1·8	1·0	0·1	0·7	0·7	1·0	1·3	1·2	1·1	0·4	0·6	77·0
Means		+0·64	+0·20	+0·07	0·00	−0·08	−0·16	−0·22	−0·41	−0·50	−0·80	−1·26	−1·66	−1·06	−2·22	−1·04	+0·26	+0·14	+0·67	+1·29	+1·00	+1·50	+1·50	+1·26	+1·09	70·96
April	1841	+0·6	+0·4	+0·1	+0·2	+0·1	+0·1	+0·1	−0·1	−0·3	−0·8	−1·1	−1·6	−1·8	−2·0	−0·6	+0·3	+0·2	+0·0	+0·0	+0·0	+0·9	+0·7	+0·7	+0·7	78·0
	2	1·1	0·7	+0·5	−0·1	+0·3	+0·1	−0·2	0·5	0·3	1·2	1·6	1·8	1·8	1·8	0·9	+0·3	0·0	+0·5	0·0	1·1	1·5	1·3	1·4	1·2	78·1
	3	0·1	0·2	0·1	−0·1	−0·1	−0·1	−0·2	0·3	0·3	0·7	0·8	1·2	1·3	1·0	0·4	+0·2	+0·3	+0·1	0·0	0·5	1·2	1·2	0·8	0·9	78·9
	4	0·0	0·5	+0·1	−0·1	+0·2	0·0	0·0	0·3	0·8	1·0	1·3	1·7	1·8	1·0	1·0	−0·2	0·0	+0·1	0·0	1·1	1·4	1·6	1·3	1·1	70·7
	5	0·5	0·0	+0·6	+0·1	+0·3	+0·1	0·0	0·1	0·4	0·0	0·8	1·0	1·2	1·4	0·9	−0·2	−0·3	−0·1	0·0	1·0	1·1	0·8	0·4	0·5	80·4
Means		+0·65	+0·46	+0·28	+0·20	+0·10	+0·01	−0·06	−0·20	−0·49	−0·82	−1·12	−1·44	−1·39	−1·72	−0·76	+0·04	+0·01	+0·28	+0·70	+1·12	+1·22	+1·08	[illegible]	+0·90	79·40
May	1841	+1·1	+0·0	+1·1	+1·1	+1·0	+0·7	+0·3	+0·1	−0·7	−1·3	−1·5	−1·8	−1·9	−2·0	−1·2	−1·0	−0·9	−0·6	0·0	+0·0	+1·2	+1·0	+1·7	+1·5	79·8
	2	1·1	1·1	1·1	1·4	1·1	1·2	0·0	+0·4	0·3	1·0	1·4	1·0	1·8	2·1	1·7	1·7	1·3	−0·7	−0·3	+0·1	1·0	1·0	1·2	1·1	78·7
	3	0·0	0·1	0·1	0·0	0·4	0·3	0·1	−0·3	0·1	0·0	1·2	1·3	1·0	1·0	0·0	0·2	0·3	+0·3	+0·0	+0·0	0·1	0·0	0·9	0·9	79·1
	4	0·9	1·0	0·5	0·0	0·8	0·3	0·2	0·0	0·6	1·2	1·5	1·0	2·0	2·1	1·0	0·3	0·3	+0·4	+0·1	+1·4	1·3	1·4	1·3	1·1	80·0
	5	1·2	1·2	1·1	1·4	1·2	1·2	1·1	+0·6	0·3	0·6	0·9	1·4	1·3	2·2	1·0	1·3	1·2	−0·0	−0·3	−0·3	0·3	0·7	0·0	1·4	79·4
Means		+1·01	+0·96	+0·90	+1·00	+0·92	+0·74	+0·50	+0·10	−0·32	−1·00	−1·30	−1·92	−1·74	−1·98	−1·42	−1·00	−0·60	−0·24	+0·20	+0·65	+0·94	+1·12	+1·20	+1·20	79·42
June	1841	+1·5	+0·9	+1·3	+0·0	+0·9	+0·0	+0·4	−0·1	−0·6	−1·1	−1·0	−2·1	−2·3	−2·3	−1·7	−1·2	−0·8	−0·3	+0·4	+0·8	+1·2	+1·4	+1·7	+2·0	76·4
	2	1·1	1·1	1·4	1·8	1·3	0·8	0·4	+0·1	0·7	1·2	1·5	1·6	2·2	2·2	1·7	1·1	1·0	−0·5	−0·3	0·3	0·7	1·3	1·3	1·0	77·6
	3	1·6	1·1	1·1	1·2	1·0	1·9	0·0	−0·7	1·1	1·2	1·9	2·4	2·7	3·7	1·9	0·8	0·0	+0·6	+0·8	1·1	1·3	1·0	1·0	1·0	78·1
	4	1·1	1·2	1·1	1·2	1·3	1·3	1·0	+0·4	0·2	1·0	1·6	2·2	2·0	2·6	1·5	1·0	0·5	0·0	0·0	0·9	0·4	0·9	1·0	1·0	78·0
	5	1·3	1·3	1·3	1·2	1·0	0·4	0·3	0·0	0·4	0·3	1·1	4·4	2·1	2·3	1·6	1·3	5·9	−0·2	+0·3	0·0	1·3	1·2	1·2	1·2	79·3
Means		+1·42	+1·30	+1·28	+1·16	+1·10	+0·82	+0·42	−0·07	−0·61	−1·16	−1·57	−1·71	−2·38	−2·60	−1·72	−1·09	−0·01	−0·04	+0·24	+0·06	+1·06	+1·26	+1·36	+1·46	78·22
July	1841	+1·7	+1·7	+1·6	+1·4	+1·3	+1·1	+0·8	+0·1	−0·8	−1·2	−1·8	−2·2	−2·0	−2·4	−1·9	−1·1	−0·7	−0·1	+0·1	+0·0	+1·0	+1·0	+1·1	+1·1	77·8
	2	1·3	1·3	0·7	0·4	0·1	0·4	0·1	−0·3	0·9	1·1	1·6	0·2	2·1	2·3	1·7	0·8	0·3	+0·3	+0·7	1·6	1·7	1·7	1·5	1·3	78·3
	3	1·2	1·6	1·4	1·8	1·1	1·1	0·3	−0·1	0·8	1·0	4·0	1·0	2·0	2·3	1·7	1·2	0·9	−0·8	−0·1	0·0	1·0	0·9	1·1	1·1	78·7
	4	1·2	1·0	0·7	0·6	0·4	0·0	0·1	+0·2	0·1	0·6	0·7	1·6	1·8	2·2	1·0	1·2	0·7	−0·3	+0·1	0·1	0·8	0·9	1·0	1·0	77·0
	5	1·1	1·0	1·3	4·0	1·6	1·5	1·3	+0·5	0·2	0·8	0·7	1·6	2·3	2·7	2·0	1·0	1·3	0·0	−0·1	0·3	0·0	0·8	1·1	1·4	77·0
Means		+1·30	+1·02	+1·30	+1·21	+1·10	+1·09	+0·56	+0·04	−0·38	−0·90	−1·70	−1·72	−2·10	−2·34	−1·90	−1·22	−0·76	−0·26	+0·14	+0·66	+1·07	+1·06	+1·10	+1·21	77·42
August	1841	+0·0	+0·7	+0·4	+0·3	+0·8	+0·0	+0·2	−0·0	−0·9	−1·2	−1·2	−1·1	−1·3	−1·5	−1·2	−0·9	−0·0	0·0	+0·4	+1·0	+1·1	+1·5	+1·0	+1·4	77·0
	2	0·8	0·8	0·6	1·0	0·0	0·0	0·3	+0·3	−0·4	0·6	0·7	1·1	1·4	1·7	1·4	0·0	0·0	+0·1	0·0	0·3	0·0	0·8	0·0	0·8	79·0
	3	1·2	1·1	1·3	1·3	1·2	0·0	0·5	−0·4	−0·7	1·0	1·1	1·5	1·9	2·1	1·0	0·0	0·4	+0·1	0·4	0·5	0·8	0·7	0·7	0·8	77·0
	4	0·0	1·0	0·0	0·0	0·4	0·9	0·4	−0·2	−0·1	0·3	0·0	0·0	1·4	2·1	1·8	1·0	0·0	−0·2	0·1	0·3	0·6	0·1	0·5	0·0	77·0
	5	1·0	1·1	1·3	1·4	1·3	4·2	1·1	+0·1	+0·6	0·1	1·1	1·6	2·2	2·8	2·3	1·3	0·4	−0·3	−0·1	0·0	0·6	0·8	0·8	1·1	77·0
Means		+0·96	+0·94	+0·91	+1·02	+0·04	+0·70	+0·50	+0·08	−0·30	−0·84	−0·91	−1·28	−1·32	−2·04	−1·96	−0·92	−0·52	−0·10	+0·30	+0·42	+0·72	+0·98	+0·92	+0·54	77·30
September	1841	+0·6	+0·4	+0·6	+0·0	+0·7	+0·3	+0·1	0·0	−0·4	−0·8	−0·9	−1·4	−1·9	−2·0	−1·8	−0·8	−0·2	+0·3	+0·0	+1·2	+1·3	+1·0	+0·0	+0·0	78·5
	2	0·9	0·4	0·0	0·3	0·1	−0·1	−0·3	−0·3	0·1	1·0	1·2	1·6	1·9	2·0	1·5	0·7	0·0	0·0	0·0	1·4	1·7	1·8	1·6	1·4	77·3
	3	0·5	0·5	0·1	0·0	0·8	+0·6	−0·1	0·0	0·0	0·9	1·4	1·8	1·0	1·0	1·2	0·2	+0·4	0·1	0·5	0·6	0·7	0·9	1·0	0·9	77·2
	4	1·0	0·4	0·7	0·0	0·6	+0·1	−0·1	0·0	0·2	0·7	1·3	1·6	2·2	2·8	1·8	0·9	−0·4	0·3	5·7	1·1	1·5	1·4	1·2	1·1	77·1
	5	4·4	0·4	0·7	0·0	0·7	+0·1	+0·1	0·4	0·7	0·4	0·7	0·0	1·5	1·0	1·0	0·0	−0·3	0·3	0·7	0·0	1·0	1·1	0·8	0·7	71·7
Means		+0·72	+0·06	+0·64	+0·60	+0·62	+0·30	+0·08	−0·14	−0·46	−0·90	−1·10	−1·50	−1·78	−1·94	−1·40	−0·70	−0·10	+0·44	+0·66	+1·00	+1·21	+1·28	+1·16	+0·84	77·04
October	1841	+0·5	+0·3	+0·3	+0·3	+0·3	+0·3	+0·1	+0·1	−0·2	−0·0	−1·2	−1·1	−1·3	−1·5	−1·1	−0·4	+0·3	+0·5	+0·8	+0·7	+0·8	+0·0	+0·8	+0·5	77·0
	2	0·4	+0·7	0·1	0·2	+0·2	0·2	−0·2	−0·2	0·6	1·1	1·4	1·1	1·0	2·0	1·3	−0·1	0·5	0·0	0·0	0·0	1·5	1·2	1·2	4·0	77·0
	3	0·2	+0·1	0·1	0·5	+0·3	0·2	−0·1	−0·5	0·2	1·0	1·2	1·4	1·6	1·0	0·0	+0·2	0·8	1·0	1·0	1·4	0·0	0·0	0·8	0·7	78·5
	4	0·3	+0·4	0·1	0·4	−0·1	0·1	−0·3	−0·2	0·0	0·0	1·3	1·2	1·0	2·3	1·2	−0·1	0·6	1·0	1·3	1·3	1·2	1·3	1·0	1·0	78·0
	5	0·1	−0·1	0·3	0·3	+0·3	0·3	+0·2	−0·1	0·4	0·0	0·8	1·1	1·0	1·0	0·8	+0·2	0·8	0·7	0·9	0·9	1·0	0·9	0·4	0·4	80·0
Means		+0·18	+0·20	+0·20	+0·24	+0·20	+0·22	−0·06	−0·10	−0·50	−0·82	−1·18	−1·40	−1·64	−1·40	−1·06	−0·04	+0·51	+0·66	+0·97	+1·02	[illegible]	+0·62	+0·94	+0·72	76·88
November	1841	−0·2	−0·1	+0·2	+0·2	+0·3	+0·1	0·0	−0·2	−0·4	−0·7	−0·7	−1·2	−1·9	−1·9	−1·4	0·0	+0·0	+1·1	+1·2	+1·1	+1·0	+1·1	+0·9	+0·2	71·5
	2	+0·3	−0·4	0·0	−0·1	−0·1	−0·2	−0·3	0·0	0·4	0·9	1·1	1·2	1·3	1·4	1·1	+0·3	1·1	1·0	1·2	1·1	0·0	1·1	1·0	0·0	73·4
	3	+0·1	+0·1	+0·2	0·0	−0·2	−0·2	0·1	0·0	0·0	0·4	0·0	1·1	1·5	1·0	1·3	0·2	0·7	1·5	1·3	1·2	1·4	1·2	0·8	0·1	71·7
	4	+0·1	−0·7	−0·3	−0·1	−0·3	−0·2	0·3	0·1	0·2	0·3	0·7	0·8	1·1	1·7	1·3	0·1	1·2	1·2	1·2	1·3	1·1	1·0	0·1	0·3	72·4
	5	+0·1	0·1	+0·2	+0·1	0·0	−0·3	0·5	0·4	0·5	1·0	1·2	1·4	1·7	1·0	1·4	0·1	1·0	1·0	1·8	1·0	1·6	1·1	0·5	0·7	73·0
Means		+0·24	−0·00	+0·06	−0·01	−0·06	−0·10	0·30	−0·34	−0·06	−0·72	−0·93	−1·11	−1·44	−1·72	−1·30	+0·14	+0·88	+1·30	+1·34	+1·26	+1·10	+1·16	+0·72	+0·44	72·70
December	1841	+0·6	+0·1	+0·1	+0·1	+0·1	+0·1	−0·3	−0·3	−0·6	−0·9	−1·0	−1·1	−1·0	−1·6	−1·6	−0·4	+0·6	+1·6	+1·4	+1·2	+0·0	+1·0	+0·7	+0·4	71·5
	2	+0·4	+0·2	+0·1	+0·1	0·0	−0·1	−0·2	0·4	1·0	1·0	1·3	1·6	1·8	2·0	1·7	0·3	1·0	1·1	1·5	1·7	1·0	1·1	1·2	0·9	76·3
	3	−0·2	−0·2	+0·1	+0·3	+0·2	+0·2	+0·2	0·0	0·3	0·4	0·0	1·0	1·3	1·4	1·6	0·1	0·7	0·5	0·0	1·3	1·1	0·7	0·1	0·2	70·7
	4	+0·4	+0·1	−0·1	−0·3	−0·1	−0·2	−0·3	0·0	0·0	0·2	0·8	0·0	1·1	1·2	1·0	0·1	0·7	0·9	1·2	1·0	0·9	0·7	1·2	0·7	72·0
	5	+0·3	+0·1	+0·1	+0·1	−0·1	−0·2	−0·5	0·7	0·4	1·0	1·0	1·2	1·4	1·5	1·1	0·2	0·0	1·5	1·0	1·1	1·3	1·2	0·9	0·7	74·0
Means		+0·26	+0·00	+0·00	+0·00	+0·02	−0·01	−0·22	−0·30	−0·08	−0·76	−0·91	−1·14	−1·38	−1·52	−1·14	−0·22	+0·04	+1·10	+1·30	+1·32	+1·10	+1·04	+0·92	+0·34	71·88
Mean of years 1841 to 1845.		+0·74	+0·53	+0·50	+0·11	+0·40	+0·26	+0·01	−0·24	−0·37	−0·93	−1·23	−1·52	−1·92	−2·04	−1·55	−0·39	+0·23	+0·60	+0·83	+1·06	+1·21	+1·21	+1·46	+0·96	71·82

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WET BULB THERMOMETER.

Mean Hourly Variations from the Monthly Means, 1846 to 1850.

Göttingen Mean Time.		Noon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Monthly Means.
Madras Mean Time.		h.m. 4 41	h.m. 5 41	h.m. 6 41	h.m. 7 41	h.m. 8 41	h.m. 9 41	h.m. 10 41	h.m. 11 41	h.m. 12 41	h.m. 13 41	h.m. 14 41	h.m. 15 41	h.m. 16 41	h.m. 17 41	h.m. 18 41	h.m. 19 41	h.m. 20 41	h.m. 21 41	h.m. 22 41	h.m. 23 41	h.m. 0 41	h.m. 1 41	h.m. 2 41	h.m. 3 41	
January	1846	+0·6	+0·5	0·0	0·0	0·0	−0·1	−0·1	−0·2	−1·0	−1·1	−1·4	−1·5	−1·9	−2·0	−2·4	−0·7	+0·9	+1·4	+1·7	+1·9	+2·0	+1·6	+1·4	+1·2	70·0
	7	0·8	0·5	+0·5	+0·4	+0·2	+0·3	+0·1	0·1	0·9	1·2	1·4	1·8	2·0	2·4	2·1	0·6	1·3	1·5	1·2	1·3	1·2	1·1	1·2	1·1	69·6
	8	1·4	1·0	0·0	+0·0	+0·1	0·0	−0·3	0·0	0·9	1·2	1·1	1·9	2·3	2·6	2·4	0·7	0·9	1·3	1·2	1·3	1·3	1·0	1·4	1·1	69·6
	9	1·0	0·1	0·0	0·2	−0·2	0·4	−0·3	0·6	0·8	0·9	1·0	1·3	1·5	1·8	2·0	0·8	0·3	0·8	1·3	1·5	1·6	1·6	1·6	1·4	70·7
	50	1·1	0·5	0·3	−0·1	−0·1	0·4	−0·2	0·0	0·1	1·0	1·3	1·7	2·0	2·3	2·2	0·9	0·5	1·2	1·6	1·8	1·8	1·6	1·4	1·3	70·5
Means....		+0·98	+0·51	+0·32	+0·14	−0·00	0·12	0·10	0·06	−0·84	−1·40	−1·30	−1·64	−1·92	−2·22	−2·22	−0·74	+0·74	+1·24	+1·40	+1·56	+1·62	+1·54	+1·34	+1·28	69·98
February	1846	+0·8	+0·3	0·0	0·1	−0·1	−0·2	−0·1	−0·3	−0·7	−1·0	−1·4	−1·8	−2·1	−2·4	−2·4	−0·5	+0·9	+1·4	+1·6	+1·5	+1·7	+1·6	+1·4	+1·4	73·8
	7	0·6	0·5	+0·1	0·0	−0·3	0·3	0·5	0·5	0·5	0·7	0·9	1·0	1·3	1·7	1·1	−0·4	0·5	1·1	1·1	1·1	1·1	1·4	1·1	0·9	73·1
	8	1·0	1·0	0·6	+0·1	+0·1	0·4	0·4	0·4	0·9	1·3	1·6	1·8	1·9	2·1	2·2	0·4	1·0	1·1	1·0	1·1	1·1	1·6	1·5	1·4	71·3
	9	1·4	0·9	0·5	0·3	+0·4	0·2	0·6	0·7	1·4	1·5	1·8	2·0	2·1	2·5	2·2	0·4	0·7	1·1	1·2	1·5	1·8	1·5	1·9	1·8	71·0
	50	1·5	0·6	0·3	0·1	0·1	0·0	0·0	0·2	0·5	1·0	1·4	1·9	2·3	2·6	2·8	−1·0	0·7	1·2	1·5	1·7	1·8	1·8	1·8	1·5	71·4
Means....		+1·00	+0·60	+0·30	+0·14	−0·02	−0·10	−0·38	−0·54	−0·78	−1·10	−1·14	−1·70	−1·94	−2·26	−2·22	−0·52	+0·42	+1·18	+1·28	+1·44	+1·62	+1·64	+1·54	+1·40	72·10
March	1846	+1·5	+0·4	+0·5	+0·3	+0·2	0·0	−0·1	−0·4	−0·7	−1·3	−1·9	−2·3	−2·2	−3·0	−2·6	−0·3	+0·8	+1·1	+1·5	+1·8	+2·2	+2·0	+1·8	+1·6	75·0
	7	1·0	0·5	0·4	0·3	0·3	0·0	0·2	0·8	0·9	1·5	1·9	2·2	2·3	2·5	1·3	0·0	0·6	0·8	1·2	1·5	2·0	1·8	1·5	1·5	75·1
	8	1·3	0·9	0·8	0·6	0·4	−0·1	0·4	0·8	1·2	1·6	2·4	2·6	2·7	3·0	2·1	+0·1	1·2	1·0	1·5	1·9	1·9	1·1	1·6	1·6	75·4
	9	1·1	0·7	0·4	0·3	0·0	−0·2	0·4	0·6	1·9	1·5	1·9	2·5	2·7	3·0	2·1	+0·1	1·7	1·3	1·6	2·0	2·0	2·1	1·9	1·6	74·8
	50	1·4	1·3	1·2	0·9	0·8	+0·1	0·3	0·1	1·1	1·9	2·4	2·7	3·0	3·4	2·9	−0·5	0·9	1·5	1·7	1·8	1·9	2·2	2·1	1·9	75·6
Means....		+1·30	+0·84	+0·66	+0·46	+0·30	−0·04	−0·20	−0·40	−1·44	−1·36	−2·04	−2·46	−2·48	−2·98	−2·32	−0·12	+0·94	+1·14	+1·60	+1·80	+2·00	+1·94	+1·76	+1·58	74·7
April	1846	+1·0	+0·5	+0·1	0·0	0·0	−0·1	−0·1	−0·3	−0·4	−0·6	−1·0	−1·3	−1·9	−2·0	−1·1	−0·1	0·0	+0·2	+0·7	+1·1	+1·2	+1·0	+0·0	+1·1	79·1
	7	0·4	0·1	0·0	+0·1	+0·1	+0·1	+0·2	+0·3	+0·2	0·2	0·4	1·0	1·4	1·6	0·9	0·1	0·0	0·0	0·4	0·3	0·5	0·8	0·8	0·7	78·6
	8	0·7	0·3	0·1	0·2	0·2	0·2	+0·2	0·0	−0·4	0·4	1·4	1·0	2·3	2·4	1·4	0·2	−0·3	0·4	1·0	1·2	1·1	1·0	1·1	1·0	79·7
	9	0·2	0·4	0·1	0·0	0·0	0·1	0·1	0·2	−0·6	1·1	1·1	1·8	2·1	2·2	1·5	0·4	0·2	0·5	0·8	1·2	1·5	1·5	1·7	1·5	78·8
	50	1·3	0·8	0·3	0·4	0·2	0·1	0·0	0·3	−0·0	1·2	1·7	2·0	2·4	2·6	1·6	0·1	0·2	0·3	0·8	1·4	1·5	1·4	1·4	1·4	77·0
Means....		+0·84	+0·46	+0·16	+0·11	+0·10	+0·14	−0·00	+0·10	−0·42	−0·78	−1·22	−1·60	−2·00	−2·14	−1·30	−0·14	+0·19	+0·28	+0·64	+1·04	+1·14	+1·24	+1·10	+1·14	78·76
May	1846	+0·2	+0·4	+0·4	+0·3	+0·1	0·2	−0·3	−0·4	−0·7	−0·0	−0·7	−0·9	−1·1	−1·5	−0·9	−0·5	−0·7	0·0	+0·5	+0·7	+1·2	+1·0	+0·9	+0·9	80·3
	7	1·5	1·2	1·1	1·3	1·5	−1·0	−0·8	+0·3	0·1	0·7	1·1	1·6	2·2	2·8	2·2	1·7	1·2	−0·4	0·4	1·1	1·2	0·9	1·1	1·0	78·6
	8	1·3	0·9	0·7	0·7	0·5	−0·2	0·1	−0·8	0·9	1·4	1·5	2·1	2·2	2·2	1·1	0·6	0·1	+0·1	0·8	1·2	1·3	1·7	1·7	1·5	79·2
	9	1·0	1·2	0·7	0·5	0·4	−0·3	+0·2	0·0	0·0	1·2	1·5	1·9	2·2	2·4	1·4	0·7	0·3	+0·1	0·3	0·5	1·0	1·4	1·6	1·0	79·7
	50	1·0	0·8	0·7	0·6	0·5	−0·1	+0·1	0·3	0·4	0·8	1·3	1·0	2·2	2·3	1·1	0·2	0·1	+0·2	0·3	0·9	1·3	1·1	1·5	1·1	79·3
Means....		+1·16	+0·90	+0·75	+0·01	+0·31	+0·30	−0·08	−0·24	−0·60	−0·94	−1·22	−1·64	−1·94	−2·24	−1·34	−0·14	−0·30	+0·06	+0·46	+0·56	+1·24	+1·28	+1·30	+1·16	79·42
June	1846	+1·4	+1·4	+1·5	+1·6	+1·2	+1·4	+1·1	+0·3	−0·5	−1·3	−1·8	−2·0	−2·3	−2·3	−1·8	−1·2	−0·8	0·0	+0·2	+0·5	+0·6	+0·9	+1·2	+0·0	77·7
	7	0·9	0·9	0·9	1·1	1·0	0·9	0·6	+0·5	0·0	0·5	1·2	1·7	1·9	2·0	1·5	1·1	0·7	−0·3	0·0	+0·4	0·6	0·9	1·0	1·1	76·8
	8	1·1	1·5	1·4	1·5	1·4	1·6	1·1	+0·6	−0·3	0·9	1·2	1·3	1·5	2·1	1·7	1·3	1·2	−1·2	−1·0	−0·2	0·2	0·5	1·0	1·6	77·0
	9	1·6	1·3	0·9	1·0	0·8	0·4	0·3	−0·3	−1·0	1·7	1·9	2·0	2·2	2·4	1·7	0·8	0·1	−0·2	+0·1	−0·9	1·2	1·6	1·7	2·0	77·0
	50	1·8	1·4	1·3	1·3	0·9	0·6	0·4	+0·3	+0·1	0·4	1·0	1·9	2·5	2·6	2·2	1·5	1·4	−0·7	0·6	+0·8	0·7	0·9	1·3	1·4	77·4
Means....		+1·48	+1·30	+1·22	+1·28	+1·20	0·91	0·70	+0·24	−0·38	−0·86	−1·42	−1·74	−2·08	−2·32	−1·76	−1·16	−0·81	−0·40	−0·04	+0·44	+0·74	+0·91	+1·24	+1·40	77·46
July	1846	+1·3	+1·1	+0·7	+0·5	+0·3	+0·4	+0·2	0·0	−0·7	−0·7	−1·1	−1·7	−2·0	−2·3	−2·1	−1·2	−0·6	0·0	+0·4	+1·2	+1·5	+1·4	+1·3	+1·3	77·4
	7	1·6	1·2	1·0	0·9	0·5	0·5	0·3	+0·1	0·0	0·7	1·1	1·7	2·2	2·4	2·0	1·1	0·3	+0·1	+0·6	1·0	1·1	1·2	1·3	1·3	77·3
	8	1·6	1·4	1·1	0·8	0·7	0·4	0·1	+0·1	0·3	0·7	1·0	1·4	1·9	2·0	1·5	1·3	1·0	−0·0	−0·2	0·1	0·1	1·2	2·0	2·0	77·1
	9	1·4	1·1	0·9	1·1	1·0	0·6	0·5	0·0	0·1	0·0	1·0	1·5	2·3	2·0	2·2	1·6	0·0	−0·4	0·0	0·4	1·0	0·5	1·7	1·6	77·4
	50	1·7	1·4	1·5	1·3	1·3	0·0	0·1	0·2	0·5	0·7	1·0	1·7	1·9	2·0	1·4	0·4	0·4	−0·5	−0·5	−0·1	0·3	0·7	1·3	1·3	77·4
Means....		+1·60	+1·24	+1·04	+0·92	+0·74	+0·40	+0·32	0·00	−0·22	−0·64	−1·04	−1·64	−2·00	−2·30	−1·90	−1·18	−0·58	−0·28	+0·06	+0·52	+0·92	+1·00	+1·55	+1·50	77·32
August	1846	+1·3	+1·3	+1·1	+1·0	+0·9	+0·0	−0·1	−0·3	−0·7	−1·1	−1·6	−1·6	−1·8	−2·0	−2·1	−1·2	−0·6	−0·1	+0·6	+1·1	+1·3	+1·6	+1·5	+1·1	77·8
	7	1·5	1·3	0·9	0·8	0·0	0·7	−0·3	+0·3	0·5	0·7	1·1	1·1	2·0	2·4	1·8	1·0	0·4	−0·1	0·3	0·6	1·0	1·1	1·4	1·1	77·9
	8	1·0	1·7	1·4	1·0	0·7	0·7	−0·1	−0·3	[illegible]	1·1	1·3	1·4	2·4	2·1	1·1	1·0	0·5	−0·2	0·1	0·7	0·9	1·3	1·5	1·5	77·1
	9	1·4	1·2	0·7	0·5	0·5	0·7	0·1	−0·1	0·4	1·0	1·1	1·5	1·9	2·0	1·4	0·5	0·0	+0·2	0·6	0·0	0·8	1·1	1·4	1·6	77·4
	50	0·8	0·6	0·6	0·7	0·6	0·1	+0·1	+0·1	0·1	0·2	0·6	1·1	1·6	2·1	1·9	1·1	0·0	−0·3	0·0	0·6	1·6	1·2	1·4	1·1	74·3
Means....		+1·26	+1·22	+0·91	+0·90	+0·60	−0·30	−0·20	−0·02	−0·52	−0·82	−1·18	−1·54	−1·86	−2·12	−1·76	−0·90	−0·47	−0·06	+0·32	+0·72	+1·01	+1·26	+1·42	+1·30	77·62
September	1846	+1·3	+1·0	+1·1	−1·3	−1·1	−0·5	+0·7	+0·3	−0·1	−0·3	−0·8	−0·8	−1·1	−1·2	−1·6	−1·2	−1·2	0·9	−0·4	−0·7	+0·1	+0·4	+0·6	+0·8	77·5
	7	1·2	1·3	1·2	1·1	1·2	−1·0	0·6	0·0	0·3	1·2	1·2	1·7	2·4	3·0	2·3	1·5	0·7	0·1	+0·4	+0·7	0·9	0·9	1·2	1·2	76·3
	8	1·1	1·1	0·8	0·7	0·5	−0·2	−0·4	−0·5	−0·4	1·0	1·5	1·7	2·0	2·1	1·8	1·2	0·4	+0·2	+0·9	+1·3	1·6	1·8	1·8	1·4	77·4
	9	1·5	1·2	1·2	1·1	0·9	+0·5	+0·2	−0·1	−0·1	0·6	1·0	1·6	2·1	2·6	2·3	1·6	0·6	0·4	+0·0	+0·4	1·0	1·4	1·6	1·6	76·3
	50	0·4	0·5	0·5	0·5	0·8	−0·8	+0·5	+0·4	+0·1	0·2	0·4	1·1	1·3	1·7	1·5	1·0	0·4	0·0	+0·1	−0·3	0·7	0·8	0·8	0·5	76·4
Means....		+1·06	+0·96	+0·96	+0·74	+0·90	+0·06	−0·32	+0·04	−0·12	−0·66	−1·40	−1·38	−1·74	−2·12	−1·98	−1·36	−0·10	−0·24	+0·14	+0·30	+0·64	+1·06	+1·16	+1·10	76·78
October	1846	+0·4	+0·5	+0·2	+0·1	0·0	0·0	−0·2	−0·2	−0·5	−0·8	−1·0	−1·1	−1·2	−1·4	−1·1	−0·1	+0·6	+0·9	+1·0	+0·5	+0·6	+0·8	+0·3	+0·4	76·0
	7	0·3	−0·1	0·0	+0·1	+0·1	+0·1	0·0	0·3	0·8	1·0	1·3	1·4	1·8	2·1	1·3	0·2	0·5	1·0	1·3	1·1	1·5	1·1	1·2	1·1	76·6
	8	1·1	+0·1	+0·6	+0·0	0·1	+0·1	−0·3	0·6	1·0	1·5	1·4	1·3	1·6	1·8	1·3	0·4	0·2	0·7	0·0	0·9	1·1	1·0	1·4	1·2	77·1
	9	0·5	0·0	−0·1	−0·1	0·0	−0·1	−0·3	0·4	0·5	0·8	1·1	1·1	1·5	1·8	1·3	0·0	0·7	1·0	1·3	1·4	1·5	1·6	1·3	0·9	77·0
	50	0·6	+0·5	0·2	+0·1	0·2	+0·2	+0·1	0·3	0·5	0·8	1·2	1·5	1·7	1·8	1·3	0·4	0·1	0·5	0·6	0·9	1·1	1·4	1·2	1·1	77·7
Means....		−0·28	+0·26	+0·16	+0·14	+0·14	−0·04	−0·14	−0·30	−0·66	−0·94	−1·20	−1·25	−1·54	−1·78	−1·36	−0·22	+0·12	+0·82	+1·06	+1·02	+1·16	+1·24	+1·00	+0·91	76·94
November	1846	+0·6	+0·4	+0·5	+0·5	+0·2	+0·3	+0·2	0·0	−0·4	−0·5	−0·0	−0·8	−1·0	−1·3	−1·2	−0·1	+0·1	+0·7	+0·8	+0·4	+0·6	+0·6	+0·5	+0·3	73·3
	7	0·5	0·2	0·3	+0·2	+0·2	−0·2	−0·3	−0·2	0·4	0·3	1·0	1·2	1·5	1·1	1·4	0·3	0·5	0·9	1·1	1·4	1·2	1·2	1·1	0·9	74·5
	8	0·4	0·3	0·0	−0·1	−0·1	−0·1	−0·3	0·4	0·4	0·6	0·8	1·0	1·2	1·3	1·1	0·2	0·4	0·4	0·9	1·1	1·2	1·2	0·9	0·7	74·1
	9	0·7	0·2	0·1	+0·1	+0·1	−0·1	−0·3	0·1	0·6	0·4	0·9	1·2	1·1	1·7	1·3	0·1	0·8	1·5	1·1	1·3	1·3	1·5	1·0	0·4	74·6
	50	0·4	0·2	0·1	+0·2	+0·1	+0·1	+0·1	0·0	0·4	0·7	1·0	1·0	1·1	1·4	1·3	0·7	0·2	0·5	0·9	1·1	1·3	0·9	0·5	0·6	73·3
Means....		+0·55	+0·24	+0·16	+0·12	+0·10	0·00	−0·12	−0·20	−0·42	−0·64	−0·84	−1·01	−1·24	−1·44	−1·26	−0·24	+0·46	+0·82	+0·96	+1·10	+1·16	+1·02	+0·02	+0·02	73·90
December	1846	0·0	0·0	0·0	0·0	−0·1	0·0	−0·5	−0·2	−0·3	−0·6	−0·8	−0·4	0·5	−1·6	−1·3	−0·4	+0·3	+0·4	+0·9	+1·0	+0·0	+0·1	+0·3	+0·5	71·9
	7	+0·1	0·0	0·0	0·0	0·0	−0·1	0·7	0·3	0·3	0·4	0·4	0·2	0·8	0·0	0·8	0·4	0·2	0·4	0·4	0·8	0·9	0·7	0·4	0·4	71·6
	8	0·0	+0·2	+0·1	1·0	0·0	0·0	0·3	0·7	0·8	1·0	1·2	1·3	1·6	1·0	1·4	0·3	0·4	1·0	1·4	1·5	1·0	1·3	1·1	1·3	71·0
	9	0·7	0·3	0·1	+0·1	0·0	0·1	0·2	0·4	0·7	0·0	1·0	1·3	1·0	2·1	1·9	0·6	0·3	1·2	1·2	1·3	1·3	1·2	1·4	1·2	71·2
	50	0·7	0·4	0·1	0·1	0·0	0·0	0·3	0·4	0·7	0·4	1·1	1·2	1·5	1·4	1·7	0·2	0·6	1·2	1·2	0·9	1·1	1·1	1·0	0·8	70·0
Means....		+0·48	+0·18	+0·12	−0·04	−0·02	−0·04	−0·24	−0·44	−0·16	−0·11	−0·90	−1·14	−1·30	−1·60	−1·36	−0·12	+0·14	+0·91	+1·06	+1·10	+1·16	+1·00	+0·94	+0·40	71·48
Mean of 5 years 1846 to 1850		+1·01	+0·73	+0·36	+0·49	+0·39	+0·22	+0·02	−0·22	−0·54	−0·91	−1·24	−1·57	−1·83	−2·13	−1·82	−0·65	+0·08	+0·46	+0·74	+1·01	+1·22	+1·27	+1·29	+1·10	75·61

WET BULB THERMOMETER.

Mean Hourly Variations from the Monthly Means, 1851 to 1855.

Göttingen Mean Time.		Noon.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Monthly Means.
Madras Mean Time.		h. m. 4 41	h. m. 5 41	h. m. 6 41	h. m. 7 41	h. m. 8 41	h. m. 9 41	h. m. 10 41	h. m. 11 41	h. m. 12 41	h. m. 13 41	h. m. 14 41	h. m. 15 41	h. m. 16 41	h. m. 17 41	h. m. 18 41	h. m. 19 41	h. m. 20 41	h. m. 21 41	h. m. 22 41	h. m. 23 41	h. m. 0 41	h. m. 1 41	h. m. 2 41	h. m. 3 41	
January	1851	+1·2	+0·9	+0·5	+0·4	+0·3	0·0	−0·2	−0·9	−1·0	−1·1	−1·5	−1·9	−2·3	−2·6	−2·1	−1·2	+0·8	+1·3	+1·4	+1·9	−1·9	+1·9	+2·0	+1·8	69·9
	2	0·8	0·9	0·5	0·1	+0·3	−0·1	0·4	0·7	1·0	1·3	1·5	1·7	4·9	2·3	2·4	1·0	1·1	1·6	1·6	1·8	1·0	1·7	1·3	1·2	70·5
	3	0·7	0·3	0·0	0·0	−0·2	0·3	0·5	0·7	0·9	0·9	1·1	1·1	1·2	1·3	4·3	0·5	0·1	0·9	1·3	1·1	1·5	1·5	1·2	1·1	72·9
	4	1·5	1·0	0·5	0·1	+0·1	0·1	0·4	0·8	1·5	1·5	1·9	2·0	2·3	2·1	2·7	1·1	0·5	1·3	1·6	1·0	2·1	2·1	2·0	1·6	69·2
	5	1·0	0·7	0·3	0·1	−0·1	0·3	0·6	0·7	1·0	1·4	1·4	1·1	1·5	2·0	2·0	1·1	0·5	1·2	1·5	1·7	1·7	1·7	1·5	1·2	72·1
Means		+1·04	+0·76	+0·36	+0·20	+0·08	−0·16	−0·42	−0·68	−1·04	−1·31	−1·50	−1·64	−1·90	−2·19	−2·22	−0·90	+0·94	+1·26	+1·14	+1·60	+1·74	+1·14	+1·60	+1·45	71·18
February	1851	+2·0	+1·4	+1·2	+0·0	+0·5	+0·2	0·0	−0·5	−1·1	−1·7	−2·3	−3·0	−3·6	−4·0	−4·0	−1·0	+0·6	+1·4	+1·8	+2·1	+2·2	+2·3	+2·2	+2·0	70·9
	2	1·7	0·9	0·5	+0·3	+0·3	0·0	−0·4	1·0	1·1	1·6	1·8	2·0	2·2	2·6	3·0	1·1	0·5	1·1	1·4	1·0	2·0	2·0	2·2	2·1	71·0
	3	1·7	1·5	0·7	+0·5	0·0	0·1	0·0	1·2	1·7	2·0	2·3	2·9	2·7	2·8	2·8	0·6	1·1	1·5	1·9	1·8	2·1	2·3	2·2	1·9	71·1
	4	1·6	1·4	0·9	+0·7	+0·3	+0·1	0·2	0·9	1·0	1·1	1·8	2·2	2·7	3·1	3·4	1·1	0·9	0·8	0·9	1·2	2·0	2·0	2·0	1·9	72·4
	5	1·2	0·5	0·2	−0·1	0·3	0·4	0·4	0·8	1·1	1·2	1·4	1·5	1·8	2·1	2·3	0·6	0·6	1·0	1·3	1·0	1·9	1·8	1·0	1·6	72·4
Means		+1·64	+1·20	+0·70	+0·18	+0·16	−0·10	−0·44	−0·92	−1·26	−1·58	−1·92	−2·26	−2·40	−2·92	−3·04	−1·00	+0·64	+1·10	+1·40	+1·74	+2·04	+3·00	+2·10	+1·90	71·74
March	1851	+1·9	+1·0	+0·0	+0·7	+0·6	+0·3	−0·1	−0·9	−1·0	−1·3	−1·8	−2·3	−2·5	−3·1	−2·1	−0·5	+0·5	+0·1	+1·2	+1·9	+2·0	+2·0	+1·8	+1·8	79·2
	2	1·1	0·7	0·4	+0·1	−0·1	−0·3	−0·3	0·7	0·8	1·2	1·9	2·0	2·3	2·8	2·4	0·3	0·9	1·0	1·4	1·7	2·0	2·1	1·9	1·6	79·9
	3	1·8	1·4	0·6	+0·1	−0·2	0·6	−0·9	1·3	1·5	1·8	2·1	2·4	2·1	2·9	2·9	0·5	1·0	1·3	1·4	1·9	2·2	2·5	2·5	2·4	76·7
	4	1·1	1·4	1·0	+0·8	+0·7	+0·4	+0·1	0·5	1·0	1·6	2·1	2·6	3·2	3·6	3·1	0·7	1·0	1·2	1·6	1·8	2·1	2·1	1·9	1·5	75·7
	5	1·2	0·7	0·1	−0·3	0·3	−0·4	−0·4	0·7	1·0	1·1	1·5	1·8	2·2	2·5	2·0	0·3	0·8	1·3	1·6	1·8	1·8	1·8	1·9	1·7	79·4
Means		+1·40	+1·04	+0·54	+0·28	+0·11	−0·12	−0·32	−0·74	−1·06	−1·40	−1·84	−2·22	−2·70	−2·89	−2·48	−0·46	+0·84	+1·10	+1·42	+1·78	+2·02	+2·10	+2·00	+1·80	78·78
April	1851	−0·0	+0·6	+0·4	+0·4	+0·2	+0·3	+0·1	−0·2	−0·5	−1·1	−1·5	−1·6	−1·7	−2·4	−1·7	−0·5	+0·2	+0·4	+1·4	+1·1	+1·4	+1·0	+0·0	+0·9	79·0
	3	0·6	0·3	+0·1	0·0	−0·1	−0·2	−0·3	0·6	0·5	1·2	1·4	1·1	1·8	2·1	1·1	+0·3	+1·0	1·2	1·2	1·7	1·7	1·4	1·2	0·9	78·3
	3	1·1	0·5	−0·3	−0·1	−0·9	−0·8	−0·1	0·9	0·9	1·2	1·6	1·9	2·0	2·0	0·8	+0·5	+0·9	1·1	1·2	1·7	1·0	1·0	1·8	1·6	79·9
	4	1·6	1·2	+0·5	+0·3	+0·2	−0·2	−0·4	0·9	0·6	0·5	1·2	1·4	1·7	1·7	1·0	0·3	−0·3	0·1	0·8	1·2	1·3	1·4	1·8	1·5	80·4
	5	1·2	0·7	+0·1	−0·1	−0·2	−0·3	−0·3	0·9	1·2	1·2	1·4	1·6	1·8	2·0	1·2	−0·1	+0·3	0·7	1·2	1·7	1·1	1·1	1·4	1·4	79·6
Means		+1·06	+0·36	+0·16	+0·04	−0·06	−0·20	−0·32	−0·60	−0·80	−1·12	−1·42	−1·62	−1·80	−2·04	−1·16	−0·02	+0·42	+0·40	+1·14	+1·51	+1·00	+1·18	−1·44	+1·26	79·34
May	1851	+0·7	+0·2	0·0	−0·4	+0·6	+1·1	+1·2	+0·9	+0·0	−0·1	−0·9	−1·2	−1·7	−1·6	−1·0	−0·5	−0·5	−0·4	0·0	+0·2	+0·4	+0·5	+1·0	+1·0	79·1
	2	0·9	0·7	+0·4	+0·5	0·6	0·3	−0·2	−0·1	−1·3	1·3	1·4	1·0	1·0	2·3	2·0	1·1	0·6	+0·1	+0·1	1·2	2·1	3·5	2·1	1·4	79·5
	3	1·0	1·2	0·9	+0·1	0·1	0·3	+0·2	+0·1	−0·4	0·0	1·3	1·8	2·3	2·5	1·8	0·5	0·4	−0·2	0·2	0·5	1·0	1·3	1·6	1·6	81·2
	4	1·6	1·3	0·9	+0·9	0·3	0·2	−0·1	−0·3	−0·5	1·0	1·3	1·6	1·0	2·3	1·2	0·1	0·6	−0·3	0·2	0·8	1·0	1·2	1·9	1·5	80·2
	5	1·1	1·1	1·0	+0·8	0·7	0·9	+0·3	+0·1	−0·3	0·1	0·9	1·1	1·0	2·2	1·7	1·0	0·7	−0·4	0·1	0·4	1·0	1·1	1·0	0·9	81·2
Means		+1·10	+0·90	+0·94	+0·42	+0·52	+0·18	+0·24	+0·02	−0·38	−0·14	−1·16	−1·52	−1·61	−2·20	−1·54	−0·76	−0·36	−0·24	+0·24	+0·62	+1·10	+1·33	+1·48	+1·30	80·24
June	1851	+1·3	+1·1	+1·4	+1·0	+2·0	+1·2	+0·0	+0·2	−0·2	−0·9	−1·2	−1·5	−1·7	−2·4	−2·0	−1·3	−0·4	−0·4	−0·9	+0·2	+0·5	+0·8	+1·0	+1·2	78·3
	2	1·1	0·8	0·6	0·4	0·6	0·8	0·4	0·6	+0·3	0·0	1·5	1·8	2·1	2·6	1·0	1·0	0·5	0·5	+0·1	0·9	1·0	1·5	1·5	1·3	78·6
	3	1·4	1·5	1·0	1·0	1·4	1·3	0·8	0·1	+0·2	0·1	1·0	1·0	2·0	2·6	2·3	1·1	0·9	0·5	−0·2	0·4	0·3	0·0	1·0	0·9	78·5
	4	1·7	1·0	1·9	1·1	1·4	0·0	0·5	0·2	−0·4	0·9	1·3	1·6	2·0	2·3	2·0	1·2	0·7	0·6	−0·5	0·2	0·1	0·9	1·2	1·6	79·1
	5	1·4	1·4	0·0	0·4	0·9	0·1	0·6	0·4	−0·2	0·6	0·9	1·3	1·4	2·0	1·8	1·3	0·1	0·2	+0·1	0·4	0·5	0·9	0·9	0·5	79·6
Means		+1·38	+1·28	+1·18	+1·24	+1·30	+0·90	+0·66	+0·42	−0·06	−0·74	−1·18	−1·51	−1·92	−2·42	−2·00	−1·30	−0·72	−0·44	−0·30	+0·30	+0·51	+0·68	+1·14	+1·18	78·82
July	1851	+1·2	+1·1	+1·0	+0·9	+0·2	0·0	−0·3	−0·4	−0·0	−1·0	−1·4	−1·7	−2·0	−2·2	−1·8	−1·1	−0·4	−0·2	+0·3	+1·0	+1·3	+1·9	+1·6	+1·8	77·7
	2	1·2	1·4	1·1	0·8	0·5	+0·1	0·0	−0·2	0·4	1·0	1·2	1·2	1·2	1·9	1·1	0·9	0·2	0·3	−0·2	0·2	0·1	0·4	1·2	1·2	78·5
	3	1·2	1·0	0·7	1·0	0·8	0·5	+0·1	−0·2	0·0	0·8	1·0	1·1	1·4	1·7	1·4	1·1	0·8	0·4	−0·1	0·3	0·0	1·3	1·2	1·3	79·9
	4	1·9	1·5	1·1	0·7	0·5	0·2	0·0	−0·0	0·8	1·1	1·4	1·1	1·9	2·4	2·2	1·4	0·6	0·1	+0·5	0·4	1·1	1·7	1·0	2·4	79·3
	5	1·0	1·5	1·9	1·4	1·2	0·8	+0·7	+0·3	0·1	0·2	0·8	0·9	1·2	2·4	2·4	1·7	1·2	0·6	−0·3	0·1	0·5	1·0	1·2	1·1	78·7
Means		+1·46	+1·30	+1·14	+0·96	+0·01	+0·34	+0·10	−0·22	−0·51	−0·82	−1·12	−1·32	−1·94	−2·12	−1·90	−1·24	−0·44	−0·32	+0·04	+0·44	+0·90	+1·26	+1·42	+1·56	78·20
August	1851	+2·1	+1·9	+1·5	+1·1	+0·6	+0·2	0·0	−0·1	−0·4	−0·9	−1·9	−2·0	−2·4	−2·6	−2·4	−1·8	−1·1	−0·4	+0·4	+1·2	+1·1	+2·0	+2·0	+2·0	77·9
	2	1·5	1·9	0·7	0·9	0·8	+0·9	+0·4	0·0	0·6	0·9	1·2	1·4	1·6	1·8	2·2	1·5	0·4	0·4	+0·2	0·7	1·1	1·4	1·7	1·6	77·1
	3	1·6	1·9	0·8	0·9	0·7	+0·4	+0·2	0·1	0·3	1·1	1·4	1·6	1·9	2·1	1·7	1·1	0·9	0·3	+0·1	0·4	0·8	1·1	1·5	1·6	77·9
	4	2·4	1·5	0·9	0·7	0·0	−0·3	−0·7	0·8	1·1	1·3	1·3	1·5	1·4	2·1	1·8	1·0	0·6	0·2	+0·1	0·9	1·2	1·8	2·4	2·5	79·5
	5	1·4	1·7	1·4	1·0	0·0	+0·1	+0·2	0·0	0·1	0·2	0·4	0·7	1·0	2·0	1·8	1·3	1·1	1·0	0·5	0·0	0·4	1·0	1·0	1·2	79·3
Means		+1·48	+1·18	+1·06	+0·92	+0·34	+0·26	+0·02	−0·20	−0·50	−0·86	−1·18	−1·44	−1·71	−2·12	−1·98	−1·32	−0·80	−0·45	+0·09	+0·64	+0·92	+1·46	+1·72	+1·70	78·19
September	1851	+0·6	+0·7	+0·7	+0·8	+0·6	+0·7	+0·0	+0·6	+0·4	−0·1	−0·4	−0·9	−1·3	−1·8	−1·7	−1·2	−0·6	−0·4	0·0	+0·4	+0·4	+0·6	+0·9	+0·9	79·0
	2	0·5	0·7	0·6	0·5	0·5	0·9	0·3	0·1	−0·1	−0·3	0·9	0·9	1·3	1·5	1·4	0·7	0·2	+0·2	+0·1	0·3	0·7	0·9	1·0	0·8	78·1
	3	1·2	0·9	0·8	0·8	0·1	0·3	0·1	0·0	−0·4	−0·4	0·7	1·2	1·7	2·1	1·7	0·9	0·4	+0·1	0·4	0·6	1·1	1·4	1·1	1·3	79·4
	4	1·9	1·4	0·7	0·5	0·3	0·4	0·2	0·1	−0·1	−0·6	1·3	1·1	2·1	2·3	1·6	1·0	0·3	+0·3	0·7	0·7	0·9	1·1	1·9	1·8	79·1
	9	1·1	0·8	0·0	0·6	0·0	0·0	0·7	0·4	−0·2	−0·4	0·5	0·9	1·3	1·8	1·7	1·1	0·8	−0·4	−0·1	0·3	0·7	0·9	1·1	1·1	79·0
Means		+0·84	+0·90	+0·64	+0·64	+0·18	+0·30	+0·28	+0·24	−0·04	−0·38	−0·70	−1·12	−1·52	−1·90	−1·60	−1·00	−0·46	−0·01	+0·22	+0·46	+0·76	+0·96	+1·14	+1·10	78·22
October	1851	−0·8	+0·5	+0·9	+0·9	+0·4	+0·2	0·1	−0·3	0·5	−0·9	−0·8	−7·1	−1·4	−1·7	−1·9	0·8	−0·1	+0·7	+0·8	+0·0	+1·2	+1·1	+1·0	+0·0	77·2
	2	0·6	0·3	0·0	0·1	+0·1	−0·1	0·4	0·6	0·9	1·0	1·1	1·2	1·3	1·3	1·1	0·2	+0·4	0·9	1·1	1·4	1·6	1·4	1·3	1·0	77·4
	3	1·0	0·1	0·4	0·1	+0·1	0·0	0·2	0·3	0·7	0·9	1·1	1·2	1·4	1·3	1·0	0·3	+0·1	0·9	0·9	0·9	1·1	1·0	0·0	1·0	77·0
	4	1·4	0·9	0·3	0·0	−0·2	−0·5	0·5	0·4	1·2	1·9	1·7	1·8	1·3	2·0	1·6	0·7	0·0	0·6	1·2	1·1	2·0	1·9	1·0	1·7	79·2
	5	0·9	0·4	0·9	0·4	0·0	−0·3	0·5	0·7	0·9	1·2	1·4	1·5	1·1	1·8	1·3	0·5	+0·2	0·7	1·2	1·3	1·4	1·5	1·5	0·9	77·9
Means		+0·92	+0·6	+0·38	+0·22	+0·04	−0·14	−0·34	−0·56	−0·84	−1·01	−1·22	−1·34	−1·54	−1·60	−1·32	−0·30	+0·12	+0·64	+0·90	+1·24	+1·41	+1·38	+1·32	+1·10	77·54
November	1851	+0·4	+0·2	+0·1	0·0	−0·2	−0·4	−0·6	−0·7	−0·8	−0·9	−0·9	−1·1	−1·2	−1·2	−1·1	−0·2	+0·3	+0·7	+1·0	+1·1	+1·2	+1·2	+1·1	+1·1	79·5
	2	0·7	0·2	+0·1	0·2	0·2	0·3	0·4	0·4	0·3	0·7	0·0	1·1	1·3	1·4	1·0	+0·5	0·3	0·9	1·0	1·4	1·5	1·4	1·2	1·0	74·6
	3	0·5	0·3	−0·1	0·2	0·3	0·4	0·3	0·0	0·7	0·7	0·0	1·0	1·3	1·3	0·8	+0·2	0·9	1·1	1·0	1·1	1·0	0·8	0·4	0·5	74·1
	4	0·5	0·3	−0·2	0·2	0·3	0·5	0·5	0·6	0·7	0·9	1·0	1·1	1·3	1·4	0·0	+0·1	0·7	1·3	1·4	1·5	1·6	1·2	0·9	0·6	79·5
	5	1·2	0·1	+0·3	0·0	0·2	0·1	0·3	0·5	0·0	1·2	1·4	1·7	2·0	2·2	1·9	−0·7	0·5	0·7	1·1	1·5	1·9	1·0	1·6	1·9	72·6
Means		+0·10	+0·34	+0·01	−0·12	−0·26	−0·31	−0·16	−0·36	−0·06	−0·88	−1·02	−1·20	−1·40	−1·52	−1·19	−0·02	+0·54	+0·86	+1·10	+1·32	+1·42	+1·36	+1·00	+0·90	74·44
December	1851	+0·7	+0·2	+0·1	+0·1	−0·2	−0·3	−0·5	−0·5	−0·0	−0·6	−0·8	−1·2	−1·5	−1·7	−1·5	−0·4	+0·7	+1·1	+1·1	+1·2	+1·2	+1·3	+1·0	+0·8	71·0
	2	0·5	0·2	+0·2	+0·2	+0·1	+0·1	0·0	0·1	0·2	0·5	0·9	0·8	1·0	1·2	1·9	0·9	−0·1	0·9	0·8	1·1	1·0	1·0	0·9	0·7	72·9
	3	1·0	0·7	+0·4	+0·2	0·0	−0·1	0·2	0·5	1·0	1·2	1·5	1·0	2·2	2·0	2·4	0·3	+1·0	1·8	1·9	1·1	1·5	1·5	1·2	1·2	69·0
	4	0·6	0·5	−0·1	−0·2	−0·3	−0·1	0·5	0·0	0·4	0·8	1·0	1·1	1·3	1·4	1·1	0·1	+0·0	1·1	1·9	1·8	1·2	1·0	0·9	0·9	72·2
	5	1·0	0·5	0·0	−0·3	−0·6	−0·5	1·1	1·4	1·3	1·1	1·9	1·1	2·0	2·3	2·0	0·2	+0·2	1·7	1·8	2·2	2·0	2·1	2·0	1·4	71·0
Means		+0·76	+0·42	+0·12	0·00	−0·20	−0·30	−0·46	−0·62	−0·70	−0·84	−1·68	−1·34	−1·56	−1·54	−1·70	−0·52	+0·66	+1·29	+1·44	+1·54	+1·38	+1·36	+1·14	+0·92	71·26
Mean of 5 years 1851 to 1855.		+1·20	+0·91	+0·59	+0·44	+0·28	+0·10	−0·11	−0·36	−0·06	−0·07	−1·28	−1·35	−1·96	−2·15	−1·82	−0·75	+0·06	+0·47	+0·78	+1·11	+1·32	+1·44	+1·16	+1·31	76·27